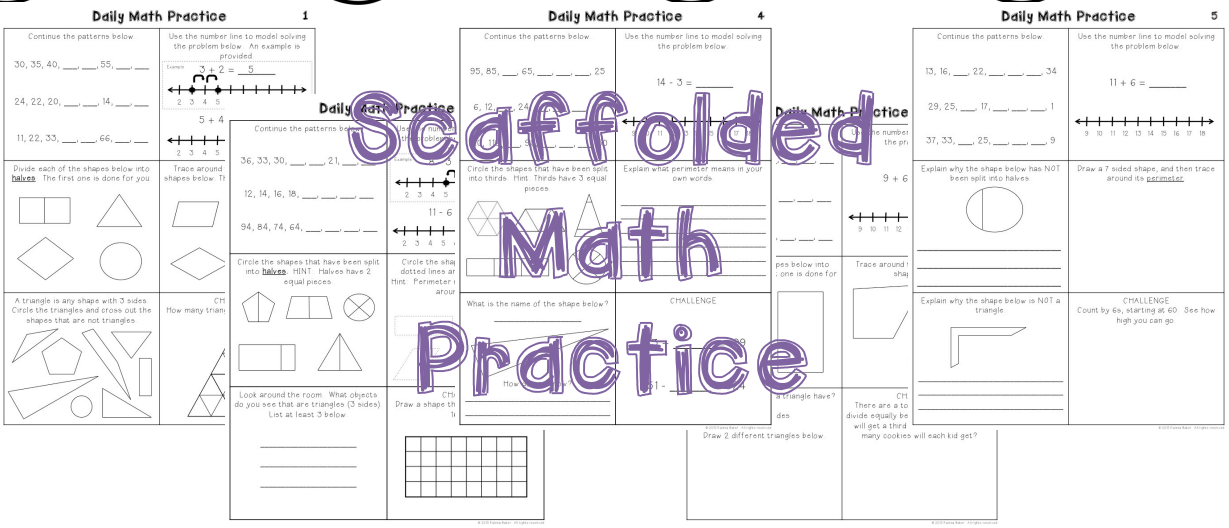


Daily Morning Work:

4th Quarter

3rd Grade

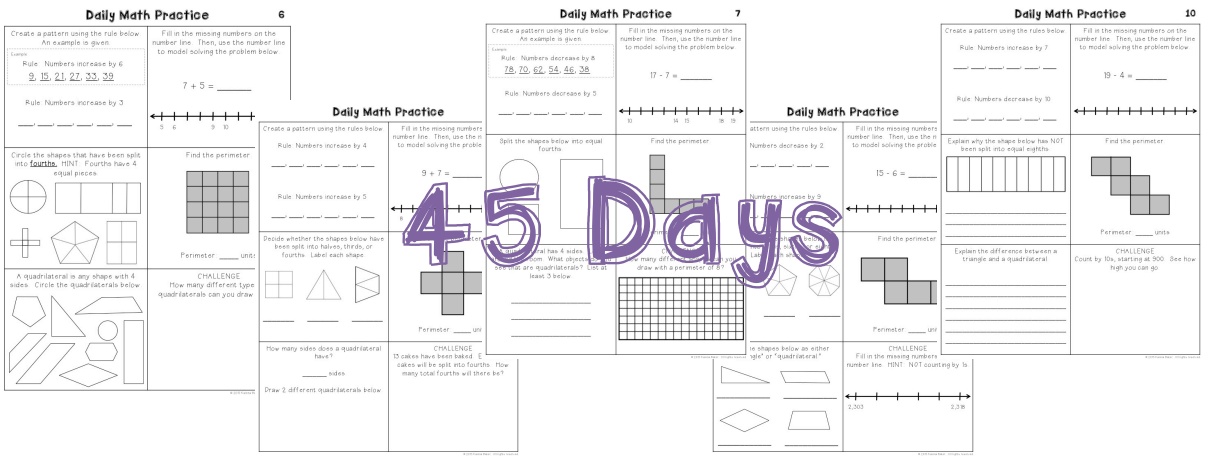


Table of Contents

Using this Product: Overview

- This product allows students to practice each of the 3rd Grade Common Core math domains daily.
- Every week, students will focus in on a specific skill within the domain. Each week builds on the previous weeks.
- This product is scaffolded. The skills gradually become more difficult throughout the week as well as throughout the quarter.
- The goal is for the majority of students to be able to complete this morning work INDEPENDENTLY, freeing you up to take care of your morning tasks. Because of this, some of the problems might seem easy to some of your more advanced learners. A challenge question is included daily in order to challenge these advanced learners.

Using this Product: Page Set Up

Every day, students will solve six math questions: one question from each of the 3rd grade math domains and one challenge question. The diagram below shows where each type of question will appear on the student pages.

Box 1: Operations and Algebraic Thinking Question	Box 2: Number and Operations in Base 10 Question
Box 3: Number and Operations – Fractions Question	Box 4: Measurement and Data Question
Box 5: Geometry Question	Box 6: Challenge Question

Using this Product: Grading Options

Answer keys have been provided. However, grading this morning work daily would be an overwhelming task. Consider some of the following alternatives.

- Use the rubric provided on page 58.
- Only grade morning work on Fridays. Use the rest of the week to practice the skills.
- Use the checklist provided on page 60. Choose 2 or 3 problems a week to grade.

Skills Practiced:

Box 1: *Operations and Algebraic Thinking*

The first box of the morning work reviews the following Operations and Algebraic Thinking Standards:

3.OA.A.3
3.OA.A.4
3.OA.C.7
3.OA.D.9

The table below shows what students are specifically practicing each week.

Week 1	Review number patterns
Week 2	Review in/out tables
Week 3	Review understanding multiplication
Week 4	Review the commutative property
Week 5	Review understanding division
Week 6	Review fact families
Week 7	Review solving multiplication problems
Week 8	Review solving division problems
Week 9	Review multiplication and division word problems

Skills Practiced:

Box 2: *Number and Operations in Base 10*

The second box of the morning work reviews the following Number and Operations in Base 10 Standards:

3.NBT.A.1
3.NBT.A.2

The table below shows what students are specifically practicing each week.

Week 1	Review filling in numbers on a number line
Week 2	Review putting a number in the correct location on a number line
Week 3	Review comparing numbers using a number line
Week 4	Review rounding to the nearest 10
Week 5	Review rounding to the nearest 100
Week 6	Review counting forwards/backwards by 10s, 100s
Week 7	Review addition and subtraction
Week 8	Review writing equations that equal a given number
Week 9	Review drawing place value blocks to represent a given number

Skills Practiced:

Box 3: *Number and Operations – Fractions*

The third box of the morning work reviews the following Number and Operations – Fractions Standards:

3.NF.A.1
3.NF.A.2
3.NF.A.3

The table below shows what students are specifically practicing each week.

Week 1	Review numerator vs. denominator
Week 2	Review shading a given fraction/determining the fraction shaded
Week 3	Review comparing fractions by shading
Week 4	Review equivalent/not equivalent to 1/2
Week 5	Review comparing fractions to 1/2
Week 6	Review fraction word problems
Week 7	Review labeling fractions on number line
Week 8	Review comparing fractions on a number line
Week 9	Review fraction number lines greater than 1 whole

Skills Practiced:

Box 4: *Measurement and Data*

The fourth box of the morning work reviews the following Measurement and Data Standards:

3.MD.A.1
3.MD.A.2
3.MD.B.3
3.MD.C.6
3.MD.C.7.A
3.MD.C.7.B
3.MD.D.8

The table below shows what students are specifically practicing each week.

Week 1	Review finding perimeter – counting units
Week 2	Review finding perimeter – adding sides
Week 3	Review finding area – counting units
Week 4	Review finding area – multiplying length x width
Week 5	Review drawing a given area
Week 6	Review area/perimeter word problems
Week 7	Review volume/mass word problems
Week 8	Review telling time word problems
Week 9	Review graphing word problems

Skills Practiced:

Box 5: *Geometry*

The fifth box of the morning work reviews the following Geometry Standards:

3.G.A.1
3.G.A.2

Each week, the skills become a little more challenging. The table below shows what students are specifically practicing each week.

Week 1	Review triangles, quadrilaterals, pentagons, hexagons, and octagons
Week 2	Review parallel/intersecting lines
Week 3	Review right angles
Week 4	Review squares/rectangles
Week 5	Review parallelograms/trapezoids
Week 6	Review rhombuses
Week 7	Review partitioning shapes into equal areas
Week 8	Review symmetry
Week 9	Review congruent/similar shapes

Morning Work

Pages 12 - 56

There are a total of 45 morning work pages, covering the fourth 9 weeks of school. The pages are numbered in the top right hand corner to help you keep track. The table below explains what pages are associated with what week.

Week 1	Pages 1 – 5
Week 2	Pages 6 – 10
Week 3	Pages 11 - 15
Week 4	Pages 16 – 20
Week 5	Pages 21 - 25
Week 6	Pages 26 – 30
Week 7	Pages 31 - 35
Week 8	Pages 36 – 40
Week 9	Pages 41 - 45

Daily Math Practice

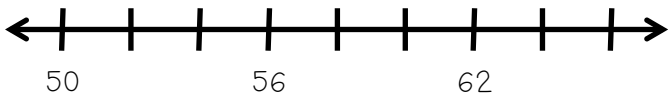
Continue the patterns below.

23, 30, ___, 44, ___, ___, ___, 72

95, 84, ___, 62, ___, ___, ___, 18

74, 78, ___, 86, ___, ___, ___, 102

Fill in the missing numbers on the number lines.

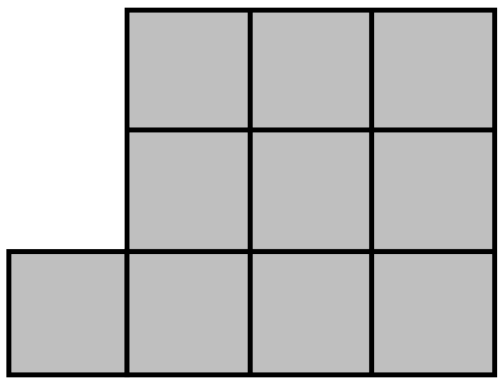


Circle the numerators. Draw a square around the denominators. The first two have been done for you.

$\frac{2}{6}$ $\frac{5}{7}$ $\frac{3}{6}$ $\frac{5}{4}$ $\frac{2}{6}$

$\frac{7}{8}$ $\frac{9}{9}$ $\frac{5}{7}$ $\frac{6}{10}$ $\frac{4}{3}$

Find the perimeter.



Perimeter: _____ units

List as many types of quadrilaterals as you can.

CHALLENGE
Solve the riddle below.

I am a quadrilateral with two sets of parallel sides. I do not have right angles. What am I?
(2 Possible answers)

Daily Math Practice

Create a pattern using the rules below.

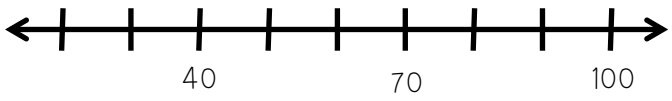
Rule: Numbers increase by 9

____, ____, ____, ____, ____, ____

Rule: Numbers decrease by 7

____, ____, ____, ____, ____, ____

Fill in the missing numbers on the number lines.



Label each of the numerators and denominators. The first one has been done for you.

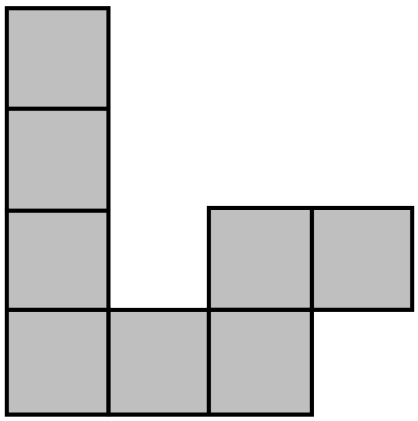
$\frac{1}{7}$ ← numerator / denominator

$\frac{3}{4}$ ← _____ / _____

$\frac{6}{9}$ ← _____ / _____

$\frac{5}{3}$ ← _____ / _____

Find the perimeter.

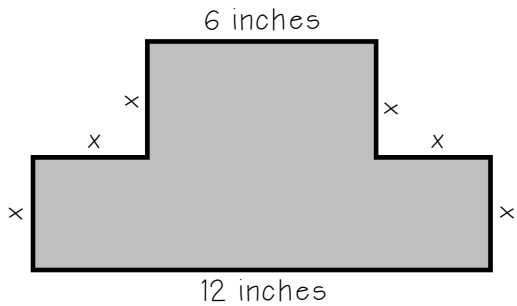


Perimeter: _____ units

Draw 2 different triangles.

CHALLENGE

The perimeter is 36 inches. What is the length of x?



Daily Math Practice

Create a pattern using the rules below.

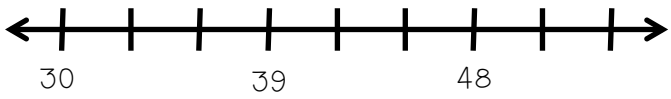
Rule: Numbers increase by 12

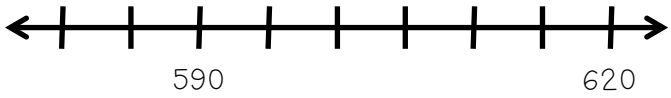
____, ____, ____, ____, ____, ____

Rule: Numbers decrease by 8

____, ____, ____, ____, ____, ____

Fill in the missing numbers on the number lines.





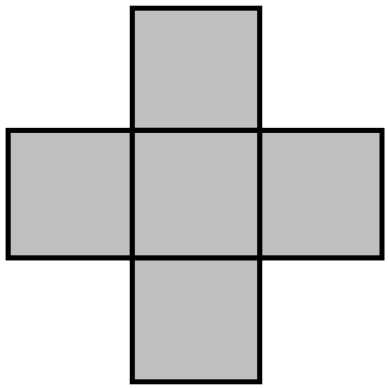
Place 5 in the numerator and 6 in the denominator.

____

Place 8 in the numerator and 10 in the denominator.

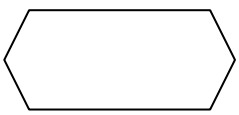
____

Find the perimeter.



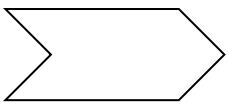
Perimeter: _____ units

Label the shapes below as either "pentagon," "hexagon," or "octagon."

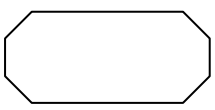


_____

_____



_____

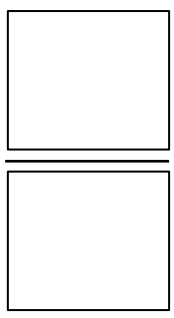


_____

CHALLENGE

<u>Fraction riddle:</u>

1. The numerator is 4 less than the denominator.
2. The numerator is less than 25.
3. The sum of the digits in the numerator is 10.



Daily Math Practice

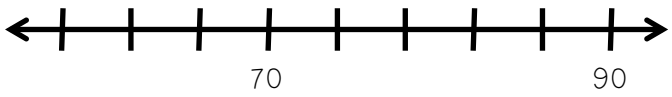
Continue the two-step patterns below.

22, 29, 31, 38, 40, 47, 49, ___, ___

99, 88, 91, 80, 83, 72, 75, ___, ___

15, 23, 19, 27, 23, 31, 27, ___, ___

Fill in the missing numbers on the number lines.



How are numerators and denominators alike? How are they different?

_____

_____

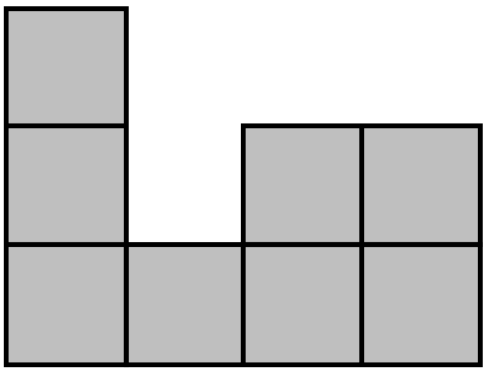
_____

_____

_____

_____

Find the perimeter.

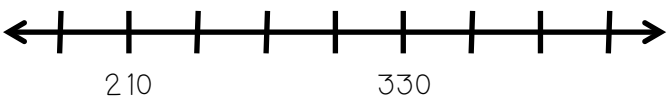


Perimeter: _____ units

Create a drawing below using only triangles and quadrilaterals.

CHALLENGE

Fill in the missing numbers on the number line.



Daily Math Practice

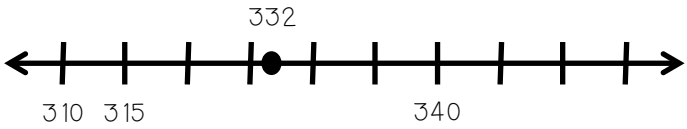
Continue the patterns below.

13, 26, ___, 52, ___, ___, ___, 104

77, 80, ___, 86, ___, ___, ___, 98

46, 40, ___, 28, ___, ___, ___, 4

Kendall put a point on the number line below to represent the number 332. What did she do wrong?



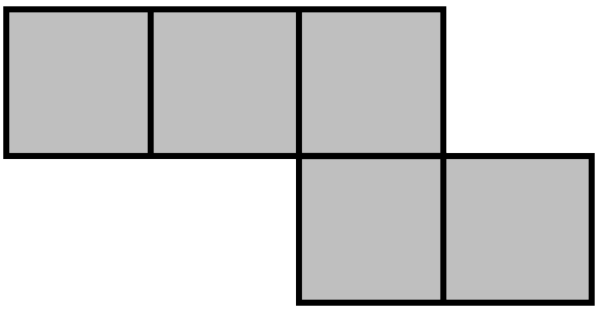
Place 3 in the numerator and 4 in the denominator.

____

Place 7 in the numerator and 15 in the denominator.

____

Find the perimeter.



Perimeter: _____ units

How are hexagons and octagons alike? How are they different?

CHALLENGE

Continue the pattern below.

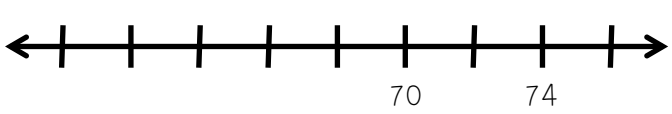
222 235 248 261

Fill in the in and out box using the rule listed above. The first one is done for you as an example.

Rule: Add 20

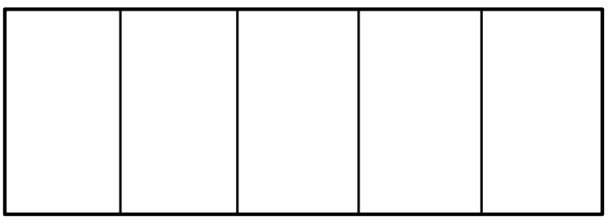
IN	OUT
1	21
30	
44	
79	
	116

Fill in the missing numbers on the number line.

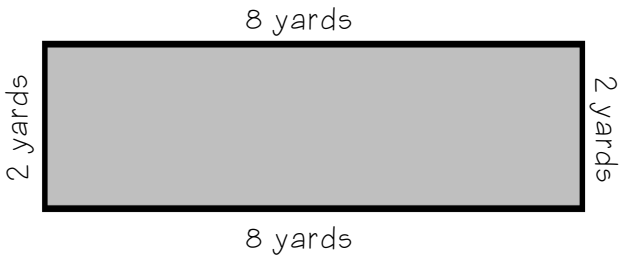


Now, place a point on the number line at the number 63.

Shade $\frac{4}{5}$ of the quadrilateral below.

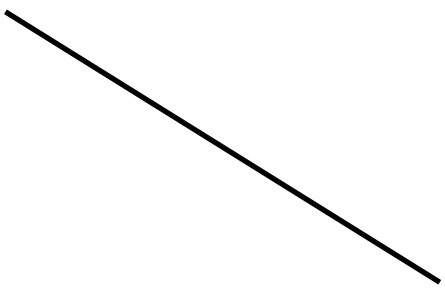


Find the perimeter.



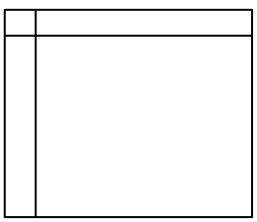
Perimeter: _____ yards

Draw a line segment that is parallel to the line segment below.



CHALLENGE

How many sets of parallel lines can you find? How many sets of intersecting lines?



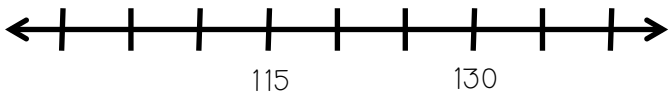
Parallel: Intersecting:

Fill in the in and out box using the rule listed above. The first one is done for you as an example.

Rule: Subtract 9

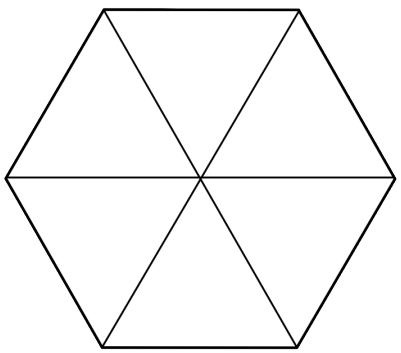
IN	OUT
11	2
19	
64	
87	
	97

Fill in the missing numbers on the number line.

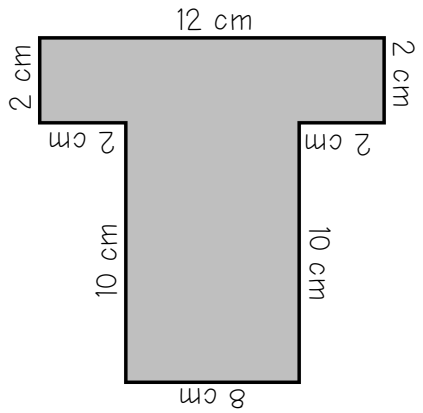


Now, place a point on the number line at the number 101.

Shade $\frac{1}{6}$ of the hexagon below.

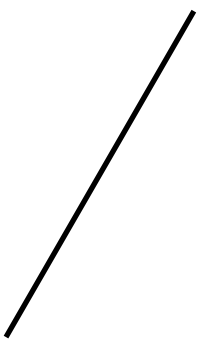


Find the perimeter.

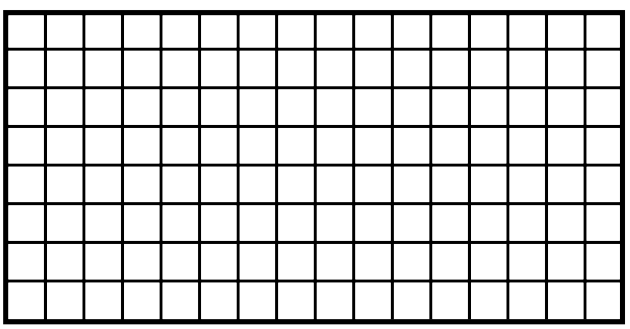


Perimeter: _____ cm

Draw a line segment that intersects the line segment below.



CHALLENGE
Draw a hexagon with a perimeter of 24 units.

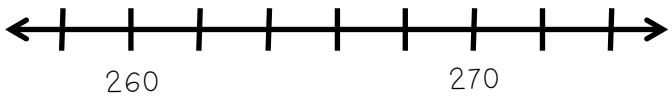


Fill in the in and out box using the rule listed above. The first one is done for you as an example.

Rule: Multiply by 4

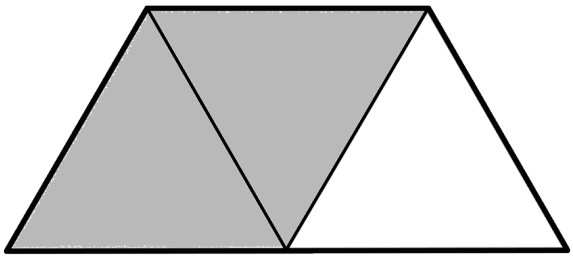
IN	OUT
4	16
7	
9	
10	
	44

Fill in the missing numbers on the number line.

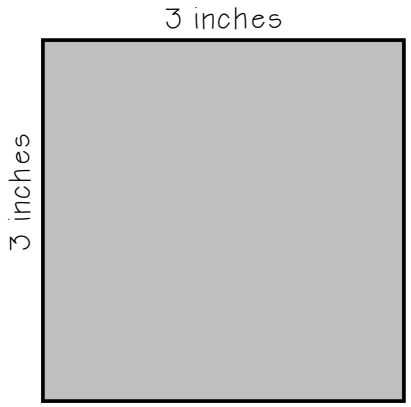


Now, place a point on the number line at the number 267.

What fraction is shaded?

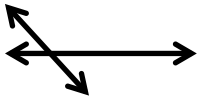


Find the perimeter.



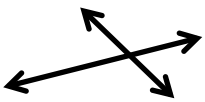
Perimeter: _____ inches

Label the lines below as "parallel" or "intersecting."

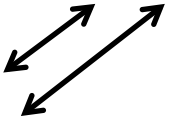


_____

_____



_____



_____

CHALLENGE

Shade $\frac{1}{6}$ of the circles below. Draw a smiley face in $\frac{1}{3}$ of the circles below. Cross out $\frac{1}{4}$ of the circles below.

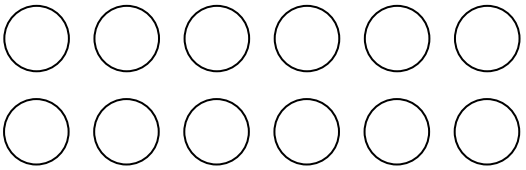
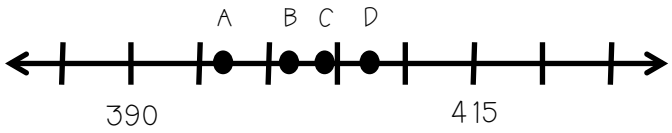


Figure out what the rule is, and write it above the in/out box. Then, fill in the rest of the table.

Rule: _____

IN	OUT
10	5
18	9
6	
12	
16	

On the number line below, which point represents 402? Why?



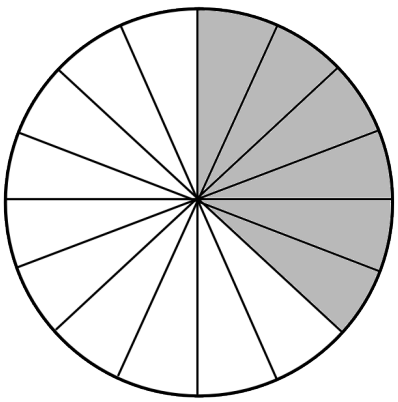
_____

_____

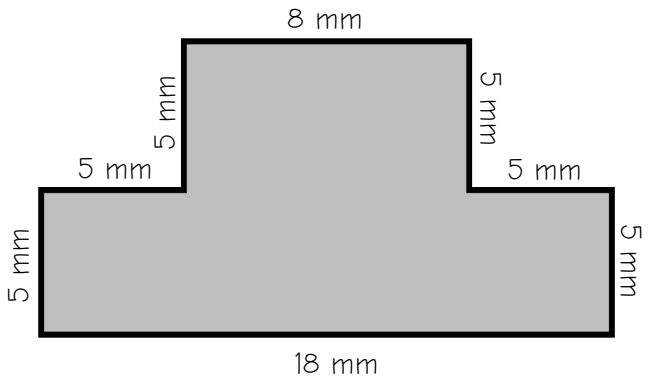
_____

_____

What fraction is shaded?



Find the perimeter.

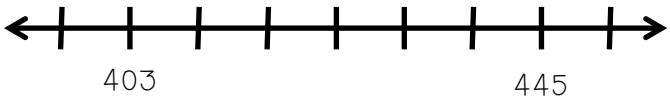


Perimeter: _____ mm

Draw a set of intersecting lines and a set of parallel lines below. Label them.

CHALLENGE

Fill in the missing numbers on the number line.



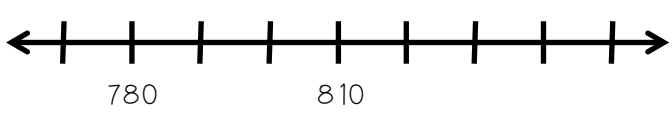
Daily Math Practice

Figure out what the rule is, and write it above the in/out box. Then, fill in the rest of the table.

Rule: _____

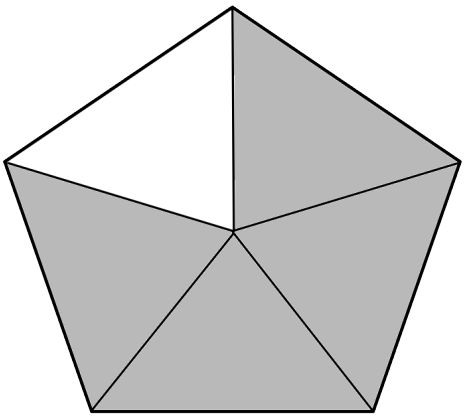
IN	OUT
19	11
41	33
95	
103	
	245

Fill in the missing numbers on the number line.

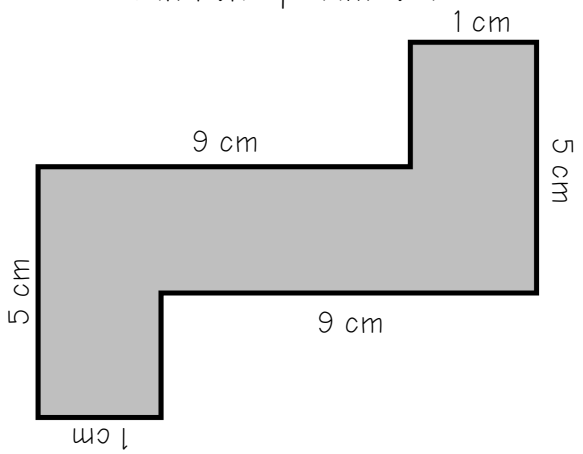


Now, place a point on the number line at the number 839.

What fraction is shaded?



Find the perimeter.



Perimeter: _____ cm

How are parallel and intersecting lines alike? How are they different?

_____

_____

_____

_____

_____

_____

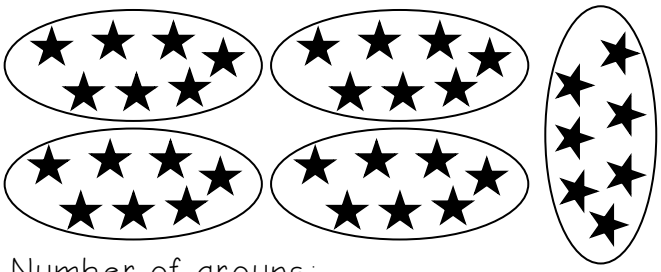
CHALLENGE

Rule: Divide by 4

Fill in the in and out box using the rule listed above.

IN	OUT
36	
68	
	11
	14

Count the number of groups and how many stars are in each group.



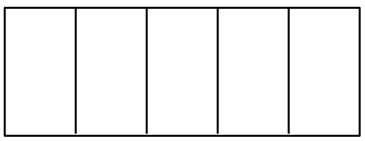
Number of groups: _____
How many stars in each group: _____
Total number of stars: _____

_____ x _____ = _____

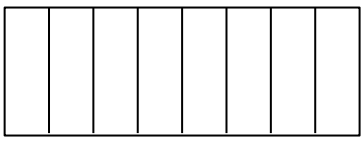
Look at the two numbers below, and then circle the larger number. Prove your answer using the number line.

346 or 364

Shade the quadrilaterals below according to the fraction next to it. Then, circle the bigger fraction.

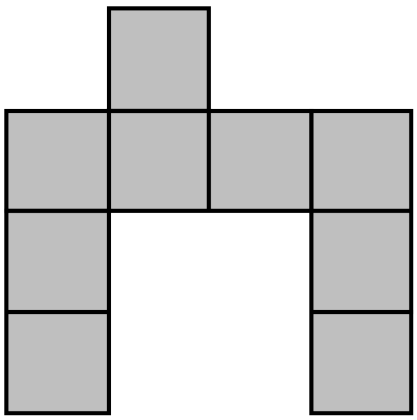


$\frac{1}{5}$



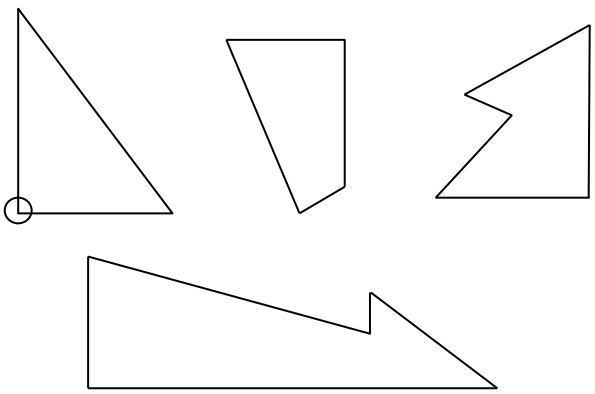
$\frac{1}{8}$

Find the area.



Area: _____ units

Each shape below has 1 right angle. Circle the right angle. The first one is done for you.



CHALLENGE

Draw a shape that has exactly 3 right angles.

Draw a shape that has exactly 2 right angles.

Daily Math Practice

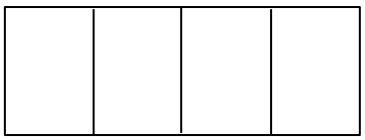
Draw groups of stars to represent the multiplication problem.

3 x 9 = ____

Look at the two numbers below, and then circle the larger number. Prove your answer using the number line.

718 or 708

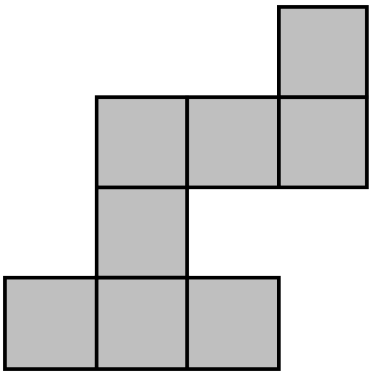
Shade the quadrilaterals below according to the fraction next to it. Then, circle the bigger fraction.



$\frac{2}{4}$

$\frac{2}{3}$

Find the area.



Area: _____ units

Is the angle below a right angle? Why or why not?

_____

_____

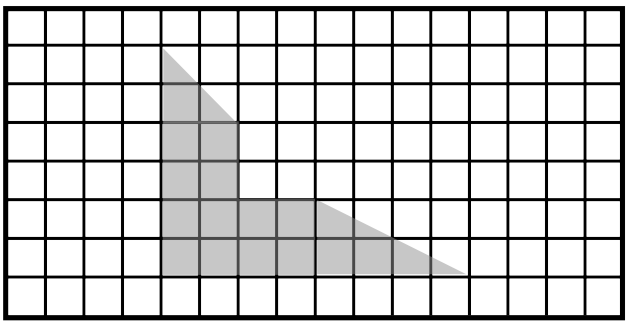
_____

_____

_____

CHALLENGE

What is the area of the shaded shape below?



Daily Math Practice

Write the multiplication problems represented by the repeated addition facts below.

8 + 8 + 8 + 8 + 8 + 8 = ____

_____ x _____ = _____

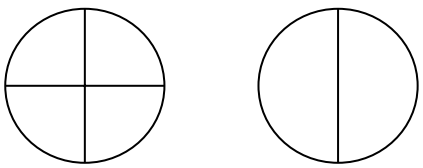
3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 = ____

_____ x _____ = _____

Look at the two numbers below, and then circle the larger number. Prove your answer using the number line.

711 or 692

Jekyll says that $\frac{3}{4}$ is bigger than $\frac{1}{2}$. James disagrees. Who is correct? Use the shapes below to help.

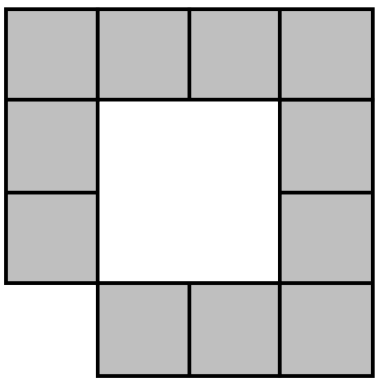


_____ is correct because _____

_____

_____.

Find the area.



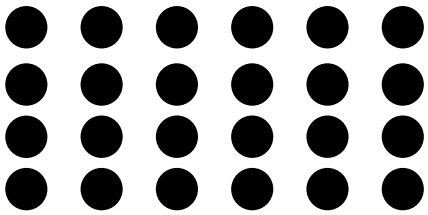
Area: _____ units

Draw a square below. How many right angles does it have?

CHALLENGE

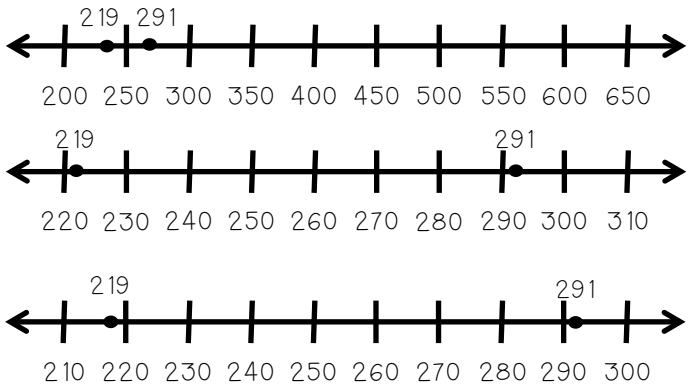
Trent and My'quasha were both given $20.00 for their birthday. My'quasha spent $\frac{3}{4}$ of her birthday money, while Trent spent $\frac{2}{5}$ of his money. How much money did the two of them spend?

Write the multiplication fact represented by the array below.

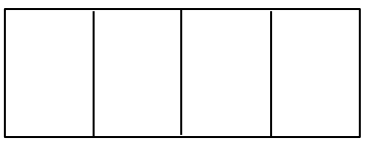


____ x ____ = ____

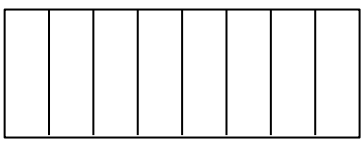
Look at the number lines below. Which number line should be used to prove that 291 is larger than 219? Circle the number line that proves this.



Shade the quadrilaterals below according to the fraction next to it. Then, circle the bigger fraction.

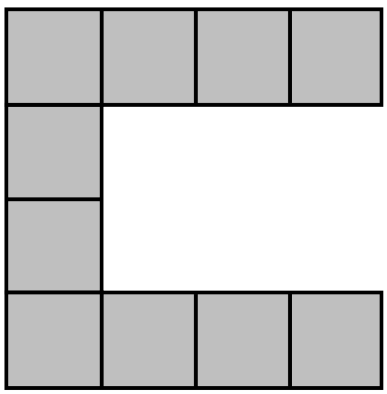


$\frac{4}{4}$



$\frac{4}{8}$

Find the area.



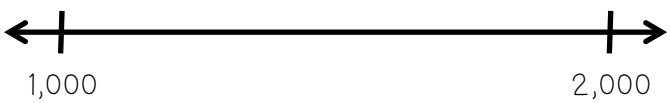
Area: _____ units

Draw a quadrilateral with at least two right angles below. Circle the right angles.

CHALLENGE

Place the numbers on the number line below.

1,567 1,019 1,899



Daily Math Practice

Draw an array to represent the multiplication fact below. Then, solve the multiplication fact.

7 x 4 = _____

Why are number lines useful? How can you use them to help solve math problems?

_____

_____

_____

_____

_____

_____

Explain which of the fractions below is bigger and how you know.

$\frac{2}{6}$ $\frac{2}{3}$

_____

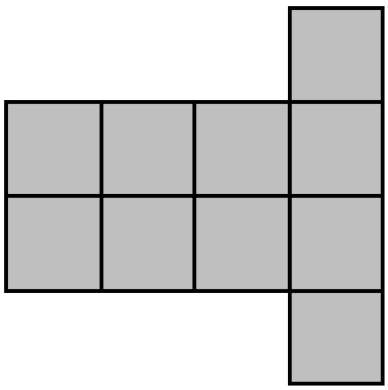
_____

_____

_____

_____

Find the area.



Area: _____ units

Circle all of the right angles in the shape below.

CHALLENGE

In the auditorium, there were 12 rows of chairs with 6 chairs in each row. The cafeteria had 8 more chairs than the auditorium, and there were 8 rows of chairs. In the cafeteria, how many chairs were in each row?

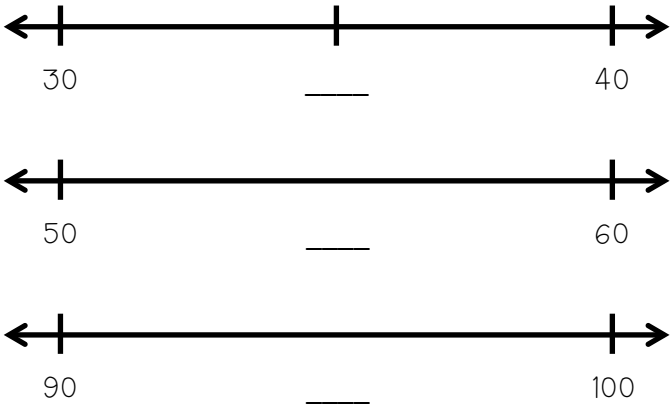
Daily Math Practice

Draw 4 groups of 7.

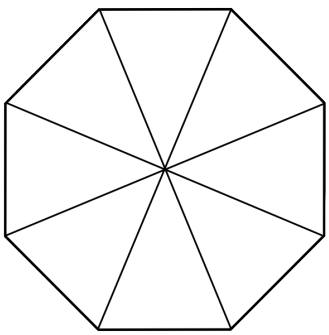
Draw 7 groups of 4.

4 x 7 = _____ 7 x 4 = _____

Find the halfway points on the number lines and label them.



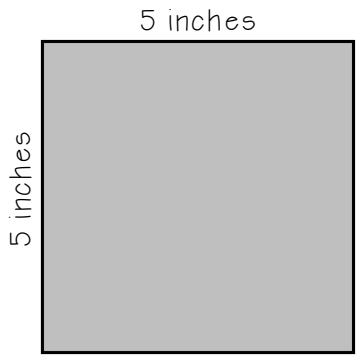
Shade $\frac{1}{2}$ of the shape below.



How much is shaded?

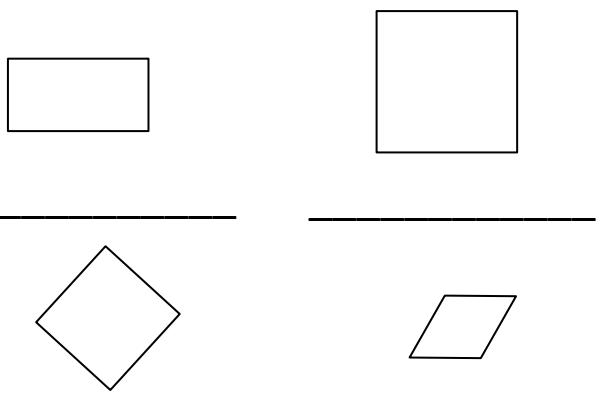
$\frac{\square}{8}$

Find the area.



Area: _____

Label the shapes below as either "square" or "not a square."



_____ _____

_____ _____

CHALLENGE

There are two congruent squares. The area of the two squares is 72 square inches. What is the length of the squares?

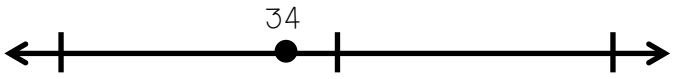
Daily Math Practice

Draw 5 groups of 4.

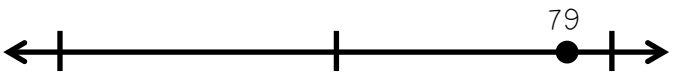
Draw 4 groups of 5.

4 x 5 = _____ 5 x 4 = _____

Label the multiples of ten that the numbers below fall between.

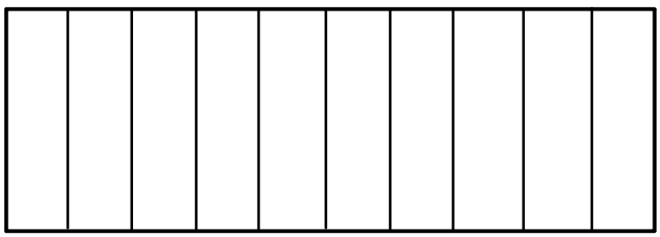


___ ___



___ ___

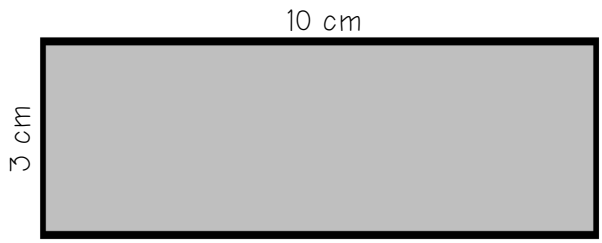
Shade $\frac{1}{2}$ of the shape below.



How much is shaded?

$\frac{\square}{10}$

Find the area.



Area: _____

What's the difference between a rectangle and a square?

_____

_____

_____

_____

_____

_____

_____

CHALLENGE

The area of a rug is 52 square inches. Half of the rug was cut into small pieces and thrown away. Then, a drink was spilled on half of the remaining rug. What is the area of the rug that has not been damaged?

Daily Math Practice

Fill in the blanks so that the equations make sense.

$6 \times 7 = 7 \times \_\_\_\_$

$3 \times \_\_\_\_ = 6 \times 3$

$4 \times 13 = \_\_\_\_ \times 4$

Find the halfway point on the number line and label it.

Now, place a point on the number line to represent the following numbers:

31

37

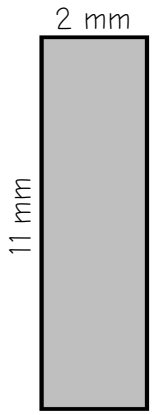
34

The following fractions are all equivalent to $\frac{1}{2}$.

$\frac{1}{2}$ $\frac{2}{4}$ $\frac{3}{6}$ $\frac{4}{8}$ $\frac{5}{10}$ $\frac{6}{12}$

What pattern do you notice?

Find the area.



Area: _____

Create a drawing or design below using only squares and rectangles.

CHALLENGE

How many fractions can you list below that are equivalent to $\frac{1}{4}$?

Daily Math Practice

Solve the equations using the information given.

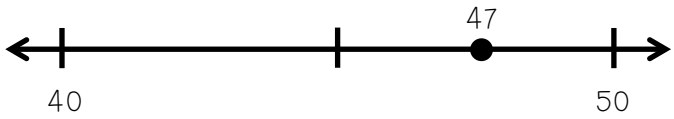
18 x 21 = 378 — 21 x 18 = _____

17 x 33 = 561 — 33 x 17 = _____

24 x 13 = 312 — 13 x 24 = _____

19 x 12 = 228 — 12 x 19 = _____

Round 47 to the nearest ten. Use the number line below to help.



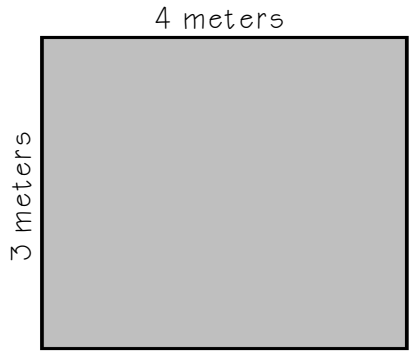
Is 47 closer to 40 or 50? _____

So, 47 rounds to _____.

Circle the fractions that are equivalent to $\frac{1}{2}$. Cross out the fractions that are NOT equivalent to $\frac{1}{2}$.

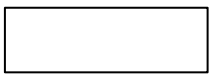
$\frac{5}{10}$ $\frac{1}{4}$ $\frac{3}{9}$ $\frac{5}{8}$ $\frac{6}{12}$ $\frac{11}{22}$ $\frac{3}{6}$

Find the area.

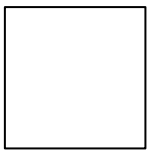


Area: _____

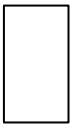
Label the shapes below as either "rectangle" or "not a rectangle."



_____



_____



_____

_____

CHALLENGE

List all of the numbers that, when rounded to the nearest ten, round to 300.

Daily Math Practice

Roman knows 12 x 13 = 156. He was trying to figure out the product of 13 x 12, and decided it was 144. Is he correct? Why or why not?

_____

_____

_____

_____

_____

Round 32 to the nearest ten. Fill in the number line below to help.

___ ___

What multiple of ten is 32 closest to?

_____

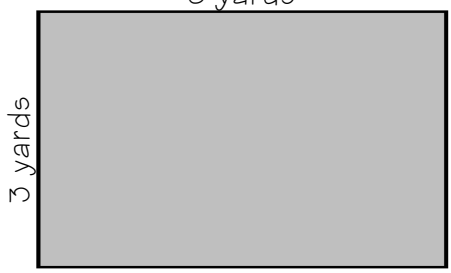
So, 32 rounds to _____.

Fill in the numerator of the fractions below to make them equivalent to $\frac{1}{2}$.

$\frac{\square}{6}$ $\frac{\square}{10}$ $\frac{\square}{20}$ $\frac{\square}{4}$

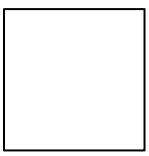
$\frac{\square}{18}$ $\frac{\square}{8}$ $\frac{\square}{12}$ $\frac{\square}{16}$

Find the area.



Area: _____

Is the shape below a square or a rectangle? Explain.



_____

_____

_____

_____

CHALLENGE

List 8 multiplication problems that equal 42.

Daily Math Practice

Divide the stars into 7 equal groups.

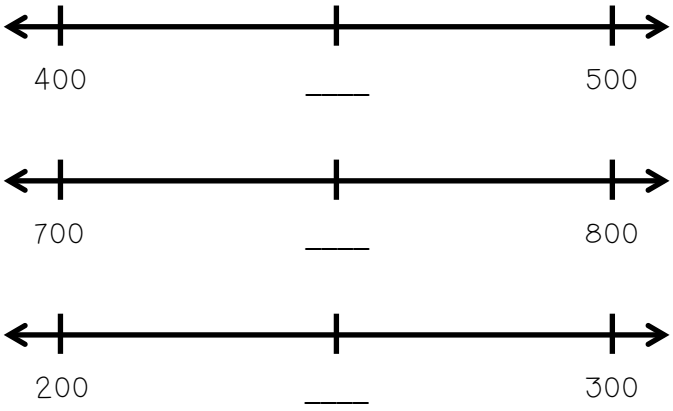
How many total stars are there?

How many groups were the stars divided into?

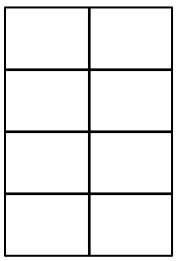
How many stars are in each group?

_____ ÷ _____ = _____

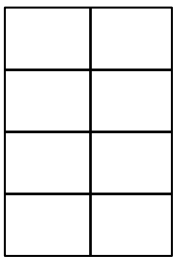
Find the halfway points on the number lines and label them.



Shade $\frac{1}{2}$.

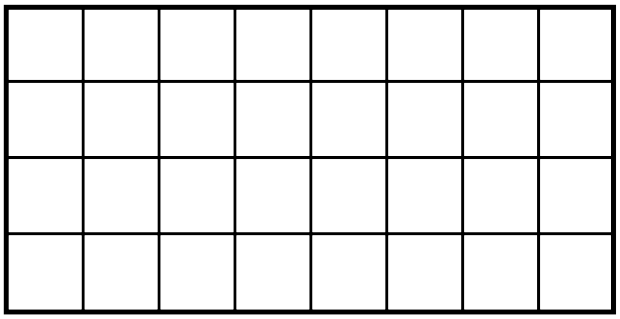


Shade $\frac{3}{8}$.

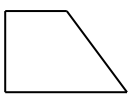


Which is bigger, $\frac{1}{2}$ or $\frac{3}{8}$?

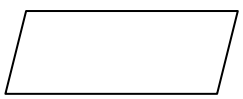
Draw a shape with an area of 10 square units.



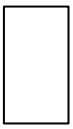
Label the shapes below as either "parallelogram" or "trapezoid."



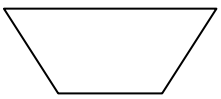
_____



_____



_____



_____

CHALLENGE

Can you draw a parallelogram with exactly two right angles? Explain.

_____

_____

_____

_____

Daily Math Practice

Divide the stars into 4 equal groups.

★★★★★★★★
★★★★★★★★

How many total stars are there?

How many groups were the stars divided into?

How many stars are in each group?

_____ ÷ _____ = _____

Label the multiples of one hundred that the numbers below fall between.

331

___ ___

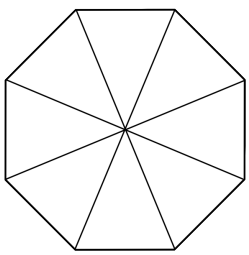
686

___ ___

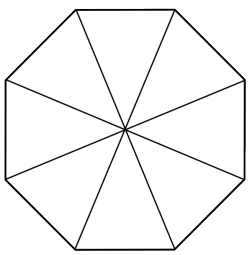
945

___ ___

Shade $\frac{1}{2}$.



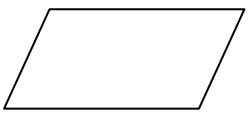
Shade $\frac{1}{8}$.



Which is bigger, $\frac{1}{2}$ or $\frac{1}{8}$?

Draw a shape with an area of 15 square units.

What is the name of the shape below? How do you know?



_____

_____

_____

_____

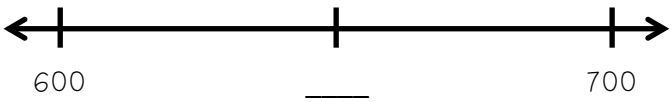
CHALLENGE

Draw a triangle with an area of 9 square units.

Model the division fact $18 \div 3$ below. Then, solve the division fact.

$18 \div 3 =$ _____

Find the halfway point on the number line and label it.



Now, place a point on the number line to represent the following numbers:

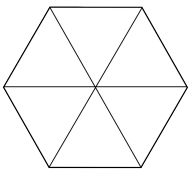
638

652

693

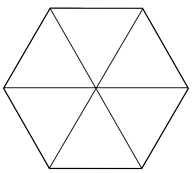
Write the correct symbol (<, >, or =) in each box. Use the shapes to help.

Shade $\frac{5}{6}$.



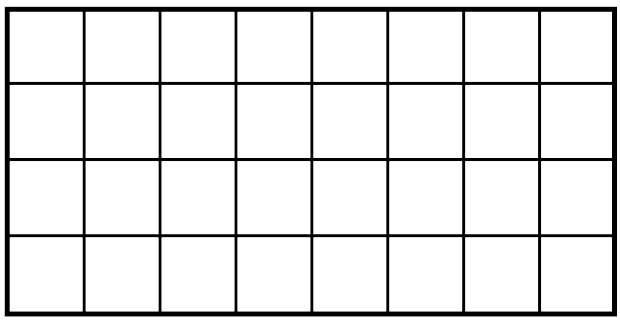
$\frac{5}{6}$ ☐ $\frac{1}{2}$

Shade $\frac{3}{6}$.



$\frac{3}{6}$ ☐ $\frac{1}{2}$

Draw a shape with an area of 9 square units.



Create a drawing or design below using only trapezoids and parallelograms.

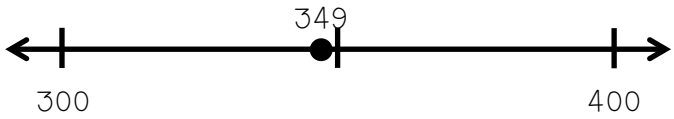
CHALLENGE

Alvaro and Sherri were both baking cookies. Alvaro baked 24 cookies, but he burnt $\frac{1}{6}$ of the cookies. Sherri baked 15 cookies, but she burnt $\frac{1}{5}$ of the cookies. After throwing away the burnt cookies, how many cookies do the two of them have left?

Model the division fact 40 ÷ 8 below. Then, solve the division fact.

40 ÷ 8 = _____

Round 349 to the nearest hundred. Use the number line below to help.

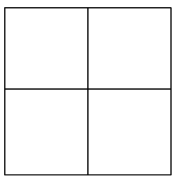


Is 349 closer to 300 or 400? _____

So, 349 rounded to the nearest hundred is: _____

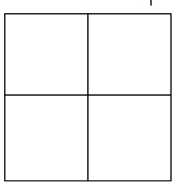
Write the correct symbol (<, >, or =) in each box. Use the shapes to help.

Shade $\frac{3}{4}$.



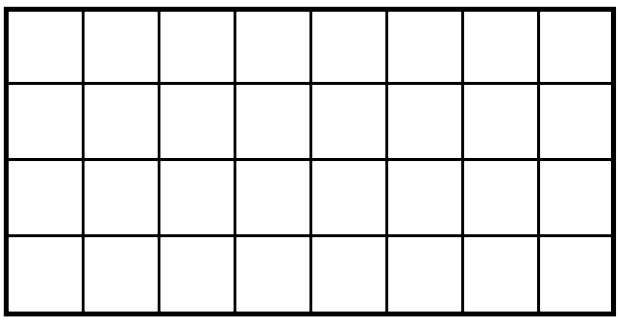
$\frac{3}{4}$ ☐ $\frac{1}{2}$

Shade $\frac{4}{4}$.



$\frac{4}{4}$ ☐ $\frac{1}{2}$

Draw a shape with an area of 8 square units.



Can you draw a parallelogram with 4 right angles? Explain.

_____

_____

_____

_____

_____

_____

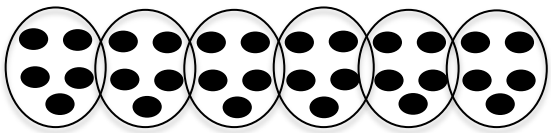
CHALLENGE

Round the numbers to the nearest hundred.

56	_____	518	_____
109	_____	941	_____
1,001	_____	4,259	_____
4,978	_____	4,723	_____
8,132	_____	7,960	_____
19,483	_____	13,135	_____

Daily Math Practice

Maureen modeled the division fact 30 ÷ 6 below. Did she do this correctly? Why or why not?



_____

_____

_____

_____

Round 964 to the nearest hundred. Fill in the number line below to help.

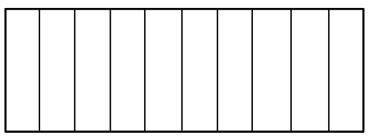
___ ___

What multiple of one hundred is 964 closest to? _____

So, 964 rounded to the nearest hundred is: _____

Write the correct symbol (<, >, or =) in each box. Use the shape to help.

Shade $\frac{3}{10}$.



$\frac{3}{10}$ ☐ $\frac{1}{2}$

Try these without shapes for help!

$\frac{9}{10}$ ☐ $\frac{1}{2}$ $\frac{6}{10}$ ☐ $\frac{1}{2}$

Draw a shape with an area of 18 square units.

Draw 2 different trapezoids below.

CHALLENGE

Solve.

17 x 11 = _____ 22 x 15 = _____

57 ÷ 3 = _____ 96 ÷ 6 = _____

Daily Math Practice

Complete the fact family.

$4 \times 6 = 24$

_____

_____

_____

Count by 10s.

317, _____, _____, _____, _____, _____,
_____, _____, _____, _____, _____,
_____, _____, _____, _____, _____,
_____, _____, _____, _____, _____

Add **20** to each number.

231 _____ 119 _____ 827 _____

364 _____ 516 _____ 893 _____

Roberta bought a large pepperoni pizza that had been sliced into 8 pieces. She ate $\frac{1}{4}$ of the pizza. How many slices did Roberta eat?

Bryan put 4 placemats on the dining room table. Each of the placemats had an area of 30 square inches. What was the total area of the 4 placemats?

How are rhombuses and squares alike? How are they different?

_____

_____

_____

_____

_____

_____

CHALLENGE

Create a drawing that has exactly 3 triangles, 4 quadrilaterals, and 6 pentagons.

Daily Math Practice

Complete the fact family.

$32 \div 4 = 8$

_____

_____

_____

Count backwards by 10s.

701, _____, _____, _____, _____, _____,
_____, _____, _____, _____, _____,
_____, _____, _____, _____, _____,
_____, _____, _____, _____, _____

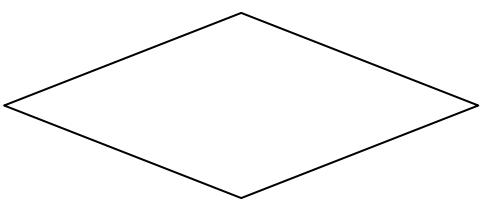
Subtract 10 from each number.

34 _____	222 _____	169 _____
99 _____	452 _____	281 _____

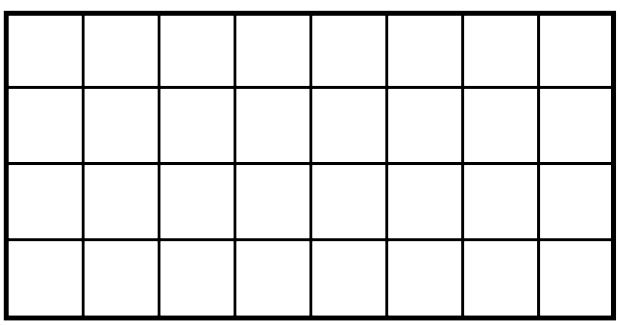
There were 6 dogs at the animal shelter. $\frac{2}{3}$ of the dogs still need to be adopted. How many dogs need to be adopted?

Jacqualyn was covering her driveway in chalk drawings. Her driveway had an area of 42 square feet. She had already covered half of the driveway in drawings. What is the area of the part of the driveway that is not covered in drawings?

Circle one set of parallel line segments in the rhombus below.



CHALLENGE
Draw a pentagon with an area of 12 square units.



Daily Math Practice

Complete the fact family.

15 x 18 = 270

_____

_____

_____

Count by 100s.

317, _____, _____, _____,
_____, _____, _____,
_____, _____, _____,
_____, _____, _____

Add **200** to each number.

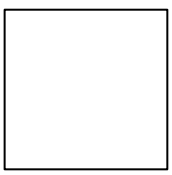
243 _____ 341 _____ 2,214 _____

627 _____ 268 _____ 4,901 _____

Braelyn had 14 math problems for homework. She finished half of them before dinner. How many problems will she have to complete after dinner?

Christy was gluing ribbon around the perimeter of a picture frame. The picture frame was 6 inches by 8 inches. How much ribbon will Christy need?

Is the shape below a rhombus or a square? Explain.



_____

_____

_____

_____

CHALLENGE

Draw a design below using circles, triangles, and squares. $\frac{3}{8}$ of the shapes should be circles and $\frac{1}{4}$ should be squares.

Daily Math Practice

Which equation below does not belong to the fact family? Why?

17 x 12 = 204
12 x 17 = 204
204/3 = 68
204/17 = 12

Count backwards by 100s.

6,181, _____, _____, _____,
_____, _____, _____,
_____, _____, _____,
_____, _____, _____

Subtract **100** from each number.

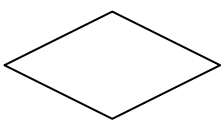
232 _____ 805 _____ 391 _____

473 _____ 332 _____ 291 _____

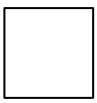
Malik had 12 toys. His mom said he needed to donate $\frac{1}{3}$ of his toys to charity. How many toys will Malik give away?

A painting on the wall has an area of 50 square inches. The painting has a height of 5 inches. What is the width of the painting?

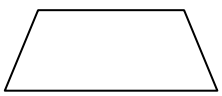
Label the shapes below as either "rhombus" or "trapezoid."



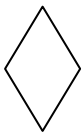
_____



_____



_____



_____

CHALLENGE
Continue the pattern.

237,332 257,332 277,332

Daily Math Practice

Create your own fact family below.

_____

_____

_____

_____

Count by 100s.

881, _____, _____, _____,
_____, _____, _____,
_____, _____, _____,
_____, _____, _____

Add **300** to each number.

241 _____ 399 _____ 4,749 _____

351 _____ 367 _____ 2,691 _____

Daniel had 8 quarters. He used $\frac{3}{4}$ of the quarters to buy some gum. How many quarters does Daniel have left?

Kevin ran around the perimeter of a small soccer field 4 times. He ran a total of 320 meters. What was the perimeter of the soccer field?

Draw 3 different rhombuses below.

CHALLENGE

Create a fact family using the following numbers:

37 14

Daily Math Practice

Solve.

5 x 7 = _____

3 x 9 = _____

4 x 6 = _____

8 x 7 = _____

6 x 9 = _____

2 x 11 = _____

1 x 6 = _____

7 x 7 = _____

8 x 4 = _____

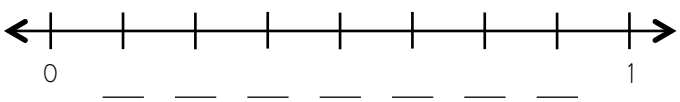
5 x 9 = _____

Solve.

$$\begin{array}{r} 573 \\ +\ 19 \\ \hline \end{array} \qquad \begin{array}{r} 710 \\ -\ 71 \\ \hline \end{array}$$

$$\begin{array}{r} 394 \\ +248 \\ \hline \end{array} \qquad \begin{array}{r} 723 \\ -514 \\ \hline \end{array}$$

Label the number line below.



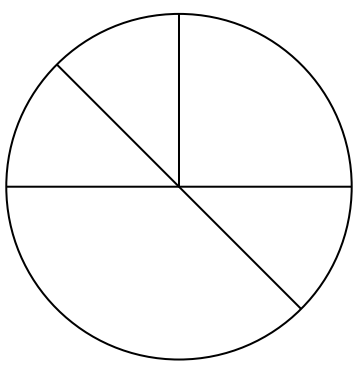
The first camel drank 115 liters of water. A second camel drank 32 liters of water less than the first camel. How much water did the second camel drink?

Draw a rectangle that has been divided into four equal parts.

Draw a rectangle that has been divided into four unequal parts.

CHALLENGE

Label the fractional area of each part below.



Daily Math Practice

Solve.

3 x 3 = _____

0 x 4 = _____

8 x 6 = _____

7 x 9 = _____

4 x 7 = _____

3 x 10 = _____

9 x 9 = _____

11 x 1 = _____

6 x 2 = _____

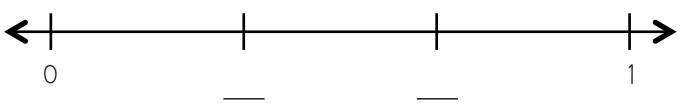
5 x 8 = _____

Solve.

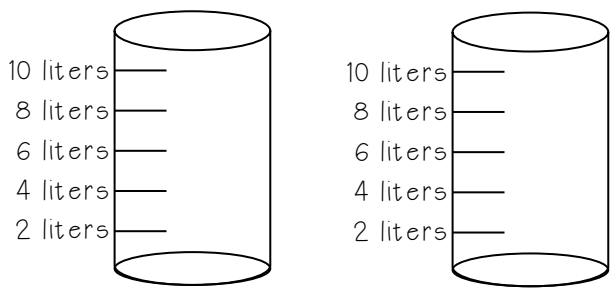
$$\begin{array}{r} 261 \\ +\ 399 \\ \hline \end{array} \qquad \begin{array}{r} 325 \\ -\ 207 \\ \hline \end{array}$$

$$\begin{array}{r} 888 \\ +\ 222 \\ \hline \end{array} \qquad \begin{array}{r} 369 \\ -\ 254 \\ \hline \end{array}$$

Label the number line below.

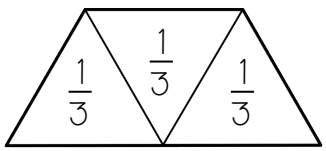


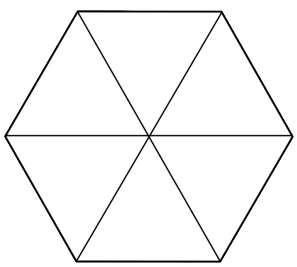
Maria drank 7 liters of milk. Her sister Esme drank 3 liters more than Maria. Use the beakers below to shade in the total amount of milk the two of them drank.



Label the fractional area of each part below. An example is given.

Example





CHALLENGE

Bradley had 7 liters of milk. Christina had 2 more liters of milk than Bradley. Jesse had 4 less liters of milk than Christina. They combined all of the milk, and then divided it equally between the three of them. How many liters of milk did they each get?

Daily Math Practice

Fill in the blanks.

3 x ____ = 12

21 = ____ x 7

5 x ____ = 60

18 = ____ x 2

____ x 8 = 32

____ x 9 = 27

10 x ____ = 60

24 = ____ x 3

____ x 7 = 49

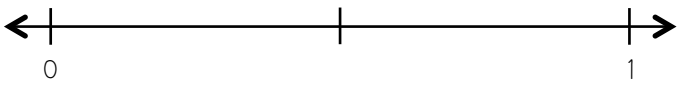
____ x 1 = 13

Solve.

$$\begin{array}{r} 452 \\ +\ 279 \\ \hline \end{array} \qquad \begin{array}{r} 808 \\ -\ 642 \\ \hline \end{array}$$

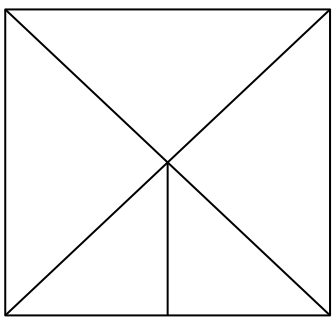
$$\begin{array}{r} 774 \\ +\ 363 \\ \hline \end{array} \qquad \begin{array}{r} 665 \\ -\ 428 \\ \hline \end{array}$$

Divide the number line below into 4 equal sections (the middle has been identified for you). Then, label each section on the number line.



A mouse has a mass of 25 grams. A rat has a mass of 200 grams. How much more mass does a rat have than a mouse?

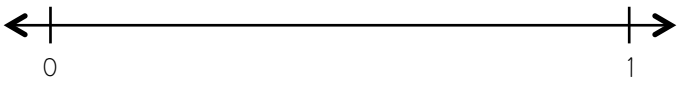
Label the fractional area of each part below.



CHALLENGE

Place the fractions on the number line below.

$\frac{2}{8}$ $\frac{2}{3}$ $\frac{2}{5}$



Daily Math Practice

Fill in the blanks.

5 x ____ = 25

12 = ____ x 6

3 x ____ = 30

16 = ____ x 4

____ x 9 = 54

____ x 8 = 64

11 x ____ = 44

6 = ____ x 3

____ x 8 = 0

____ x 7 = 42

Solve.

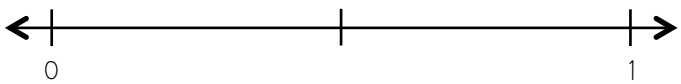
$$\begin{array}{r} 724 \\ +749 \\ \hline \end{array}$$

$$\begin{array}{r} 924 \\ -633 \\ \hline \end{array}$$

$$\begin{array}{r} 524 \\ +559 \\ \hline \end{array}$$

$$\begin{array}{r} 703 \\ -261 \\ \hline \end{array}$$

Divide the number line below into 6 equal sections (the middle has been identified for you). Then, label each section on the number line.



Jeff's stuffed animal had a mass of 7 grams. His toy cars had a mass of 8 grams. If he had 1 stuffed animal and 3 toy cars, what was the total mass of the toys?

Divide a circle into 3 equal parts. Label the fractional parts.

CHALLENGE

Create an addition problem where the sum of the two numbers is 3,419 and both addends are less than 2,000.

Fill in the blanks.

____ x ____ = 18

____ x ____ = 25

____ x ____ = 24

____ x ____ = 64

____ x ____ = 48

____ x ____ = 90

40 = ____ x ____

25 = ____ x ____

36 = ____ x ____

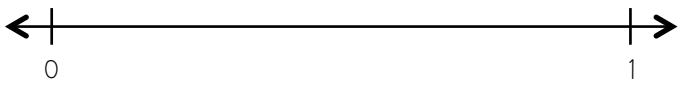
32 = ____ x ____

Solve.

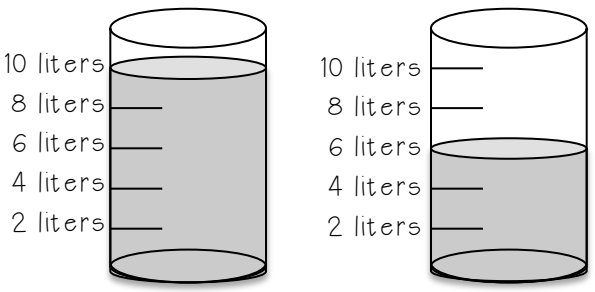
$$\begin{array}{r} 381 \\ +\ 591 \\ \hline \end{array} \qquad \begin{array}{r} 530 \\ -\ 225 \\ \hline \end{array}$$

$$\begin{array}{r} 699 \\ +\ 268 \\ \hline \end{array} \qquad \begin{array}{r} 432 \\ -\ 267 \\ \hline \end{array}$$

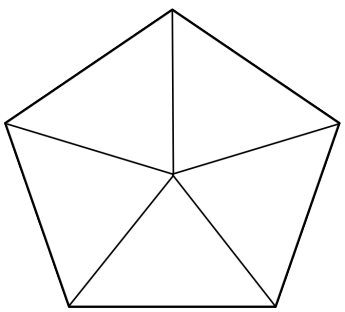
Divide the number line below into 3 equal sections. Then, label each section on the number line.



Henrik had the amount of water shown in the beakers below. His sister drank 5 liters. How much water does he have left?



Label the fractional area of each part below.



CHALLENGE

Solve.

15 x 15 = _____

20 x 13 = _____

56 ÷ 4 = _____

78 ÷ 6 = _____

Solve.

20 ÷ 5 = ____ 36 ÷ 6 = ____

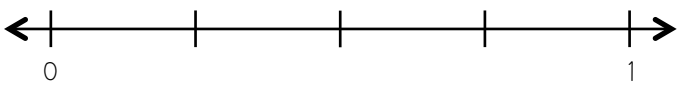
7 ÷ 7 = ____ 12 ÷ 4 = ____

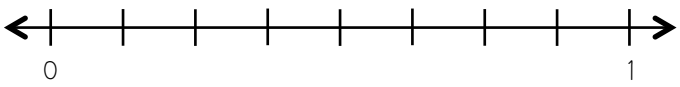
18 / 9 = ____ 48 / 6 = ____

70 / 7 = ____ 28 / 4 = ____

Write at least 5 equations that equal the number 36.

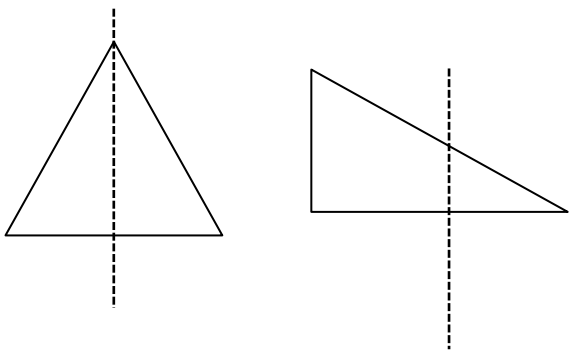
Label both the number lines. What fraction is equivalent to $\frac{3}{4}$?



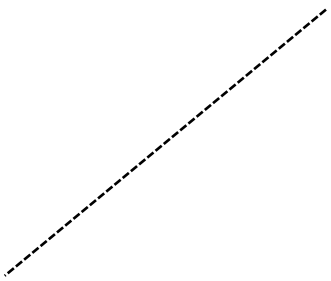


AJ's alarm woke him up at 8:15, but he didn't get up right away. AJ finally got out of bed at 8:48. How long did AJ lay in bed?

Circle the image below that is symmetrical. Cross out the image that is not symmetrical.



CHALLENGE
Create a symmetrical drawing below. Use the line of symmetry given.



Solve.

8 ÷ 2 = ____ 72 ÷ 8 = ____

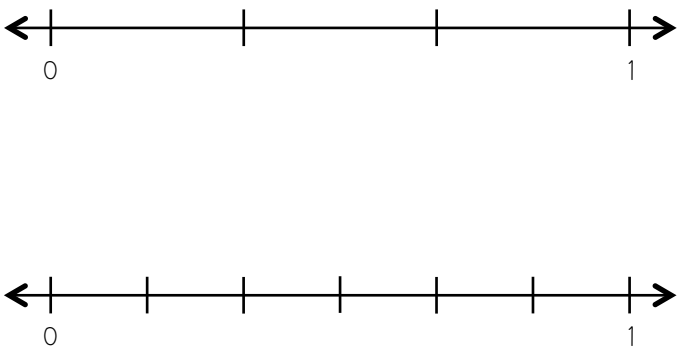
56 ÷ 7 = ____ 15 ÷ 5 = ____

18 / 3 = ____ 24 / 4 = ____

4 / 2 = ____ 80 / 8 = ____

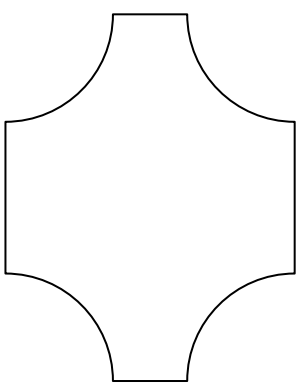
Write at least 5 equations that equal the number 27.

Label both the number lines. What fraction is equivalent to $\frac{2}{6}$?



Shawn was at the swimming pool for 3 hours. He got there at 1:25. What time did did he leave the swimming pool?

Draw a line of symmetry for the image below.



CHALLENGE

Pasha got $4.00 for every 30 minutes he worked. He worked from 11:24 in the morning to 5:54 in the afternoon. How much money will he make?

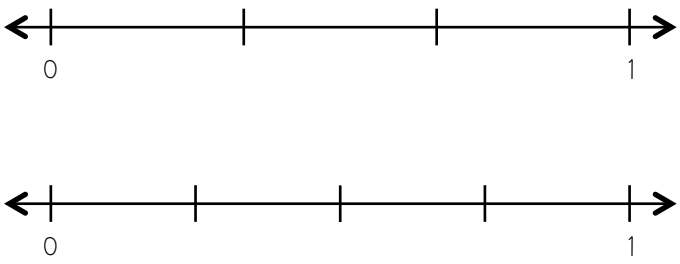
Solve.

$6\overline{)30}$ $10\overline{)90}$

$5\overline{)60}$ $8\overline{)64}$

Write at least 5 equations that equal the number 42.

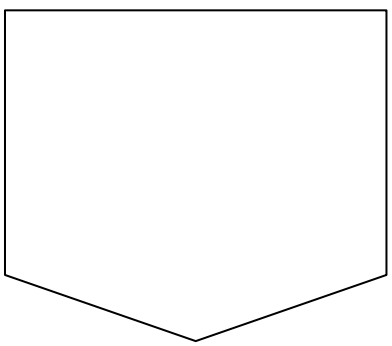
Label both the number lines. Then, use the number lines to help you fill in the appropriate symbol (<, =, >) below.



$\frac{2}{3}$ ☐ $\frac{2}{4}$

Anja took a nap from 1:36 PM to 2:09 PM. How long was she asleep?

Draw a line of symmetry for the image below.



CHALLENGE

Luis has 27 shirts. $\frac{2}{9}$ of the shirts are red, and $\frac{2}{3}$ of the shirts are blue. The rest are green. How many green shirts does Luis have?

Daily Math Practice

Fill in the blanks.

35 ÷ ____ = 5

____ ÷ 4 = 7

6 = ____ ÷ 6

24 ÷ ____ = 3

81 ÷ ____ = 9

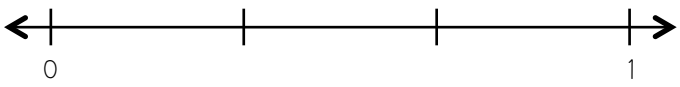
____ ÷ 6 = 4

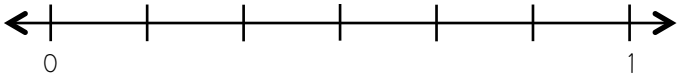
1 = ____ ÷ 10

56 ÷ ____ = 7

Write at least 5 equations that equal the number 20.

Label both the number lines. Then, use the number lines to help you fill in the appropriate symbol (<, =, >) below.

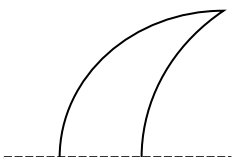




$\frac{4}{6}$ ☐ $\frac{2}{3}$

Michael went to the skating rink. He was there for 3 hours and 15 minutes. He left the skating rink at 7:45 PM. What time did Michael arrive at the skating rink?

Complete the drawing below, making it symmetrical.



CHALLENGE

Write at least 5 equations that equal the number 300.

Daily Math Practice

Fill in the blanks.

18 ÷ ____ = 6

____ ÷ 9 = 4

8 = ____ ÷ 8

15 ÷ ____ = 5

42 ÷ ____ = 7

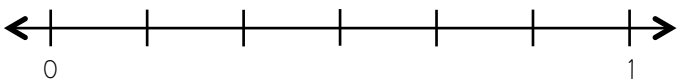
____ ÷ 8 = 9

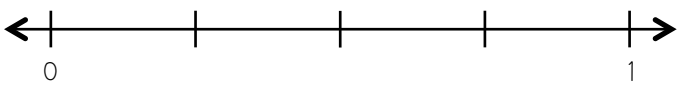
1 = ____ ÷ 12

14 ÷ ____ = 7

Write at least 5 equations that equal the number 15.

Label both the number lines. Then, use the number lines to help you fill in the appropriate symbol (<, =, >) below.





$\frac{1}{6}$ ☐ $\frac{1}{4}$

Claudia fell asleep at 9:03 PM. She woke up the next morning at 6:30. How long was she sleeping?

Create a symmetrical drawing below. Draw the line of symmetry.

CHALLENGE

Fill in the missing numbers in the multiplication problems below.

22 x ___ = 330

___ x 5 = 85

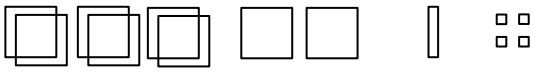
___ x 17 = 272

There were 6 parrots. Each parrot laid an equal amount of eggs, with a total of 18 eggs. How many eggs did each parrot lay?

Draw place value blocks to represent the number below. An example is given.

Example

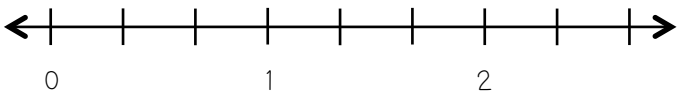
3,214



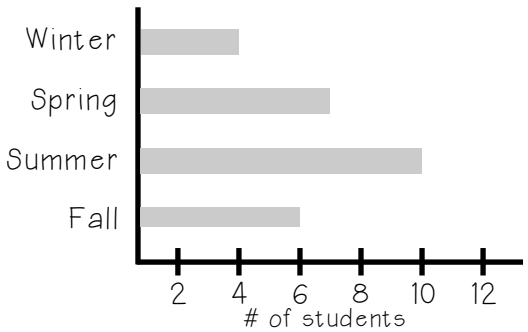
3,000 200 10 4

5,123

Label the number line below.

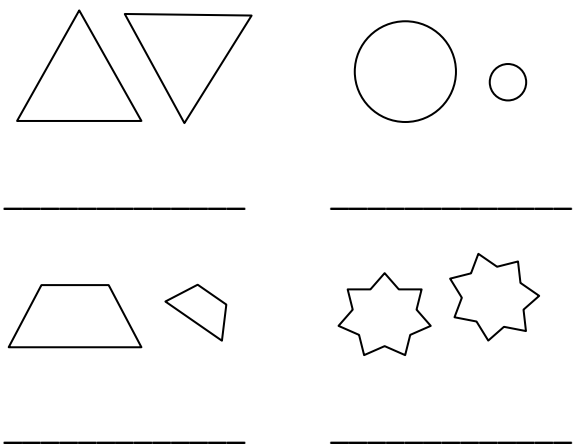


3rd Grade's Favorite Seasons



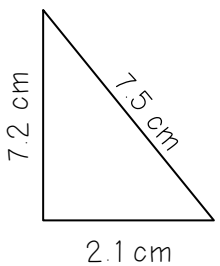
Which two seasons did the third graders like the least?

Label the pairs of shapes below as "congruent" or "similar."



CHALLENGE

There are 3 triangles congruent to the one below, for a total of 4 triangles. What is the total perimeter of the 4 triangles?



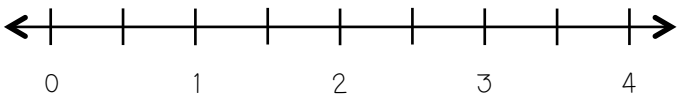
Daily Math Practice

Yulee built 6 snowmen. Each snowman had 8 buttons. How many total buttons were on the snowmen?

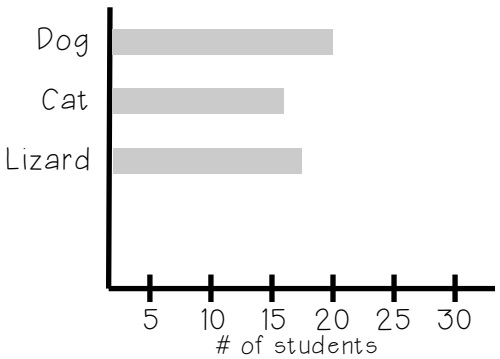
Draw place value blocks to represent the number below.

4,249

Label the number line below.

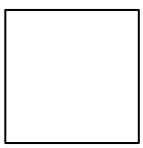


Pets that Third Graders Have



17 of the third graders had an iguana. Add this information to the graph.

Draw a shape that is congruent to the quadrilateral below.



CHALLENGE

Create a graph that compares what color shirts your classmates are wearing.

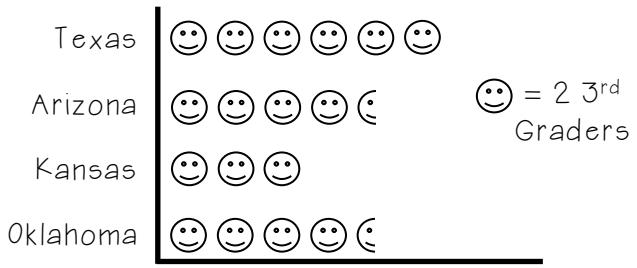
There were 9 girls at a birthday party and 27 pieces of cake. If the cake is divided equally, how many pieces of cake can each girl have?

Draw place value blocks to represent the number below.

2,572

Label the number lines below.

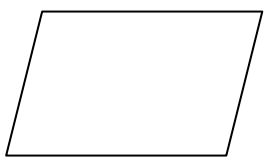
States that 3rd Graders Have Visited



How many 3rd Graders Have Visited Oklahoma?

_____

Draw a shape that is similar to the quadrilateral below.



CHALLENGE

Christina ordered 3 pizzas. She asked that $1\frac{1}{4}$ of the pizzas be cheese, $1\frac{1}{2}$ of the pizzas be sausage, and the rest be pepperoni. What fraction of the pizzas should be pepperoni?

Daily Math Practice

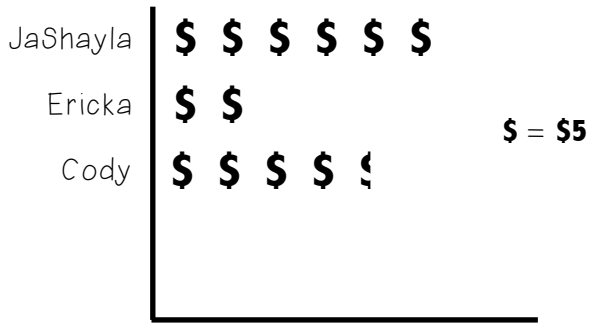
Dogs have 4 legs, while birds have 2 legs. A pet store had 6 dogs and 7 birds. How many dog or bird legs were at the pet store?

Draw place value blocks to represent the number below.

3,518

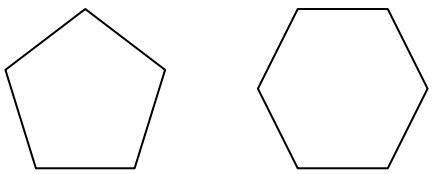
Label the number line below.

Amount of Money Saved



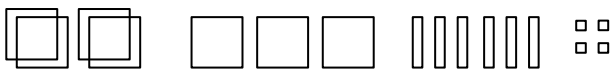
Brent had $15 saved. Add this to the graph.

Are the shapes below similar? Explain.



CHALLENGE

Create a subtraction problem that equals the value of the place value blocks below.



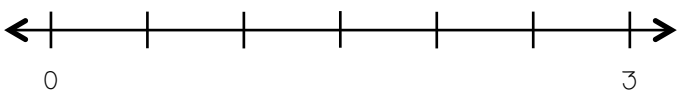
Daily Math Practice

Christina had $32.00. She bought a candy bar and 10 drinks. The drinks each cost $3.00. She has no money left. How much did the candy bar cost?

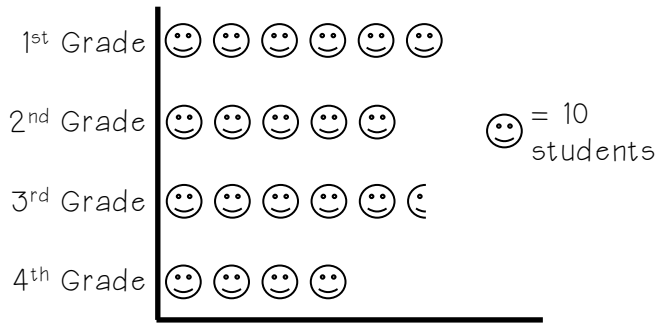
Draw place value blocks to represent the number below.

4,726

Label the number line below.



Number of Students at Otis Elementary



How many more students are in 1st grade than 2nd grade?

How are congruent shapes and similar shapes alike? How are they different?

CHALLENGE

Buster had $43.00. His sister Kacie had twice as much as him. Kacie spent $12.00, and Buster spent $4.00 less than Kacie. How much money do the two of them have now?

Grading Rubric

Page 57

The grading rubric can be used to grade multiple pages at once. It assesses students on the following:

- Completeness
- Accuracy
- Perseverance
- Communication

An easy way to differentiate would be to assign a different number of problems for students depending on their ability level. For example, if completing all of the morning work is overwhelming to a student, then they could be asked to complete the first two boxes every day.

Daily Math Practice: Grading Rubric

Student Name:_____

	3 points	2 points	1 point
Completeness	All of the required problems were completed.	Most of the required problems were completed.	Few of the required problems were completed.
Accuracy	The student demonstrated a thorough understanding of all of the mathematical content covered.	The student demonstrated an average understanding of all of the mathematical content covered.	The student struggled with most of the mathematical content covered.
Perseverance	The student always persevered in solving the problems (including the challenge questions), even when it was difficult.	The student sometimes persevered in solving the problems.	The student rarely tried to do his or her best work. The student often gave up.
Communication	On the written answers, the student communicated clearly and accurately. The student used academic language to convey his or her ideas.	On the written answers, the student's answers were sometimes unclear. The student attempted to use academic language to convey his or her ideas on occasion.	The student's written answers were unclear and confusing. The student did not attempt to use academic language to convey his or her ideas.

Total Points out of 12:

Grading Checklist

Page 59

The grading checklist is an alternative form of assessment. Instead of grading the entire morning work daily, you may choose a problem to grade whenever time allows for it. As students are completing their morning work, you can walk around and immediately assess student success on a specific problem. Put a ✔ for correct answers and an X for incorrect answers.

The checklist allows you to grade 10 problems, making it easy to come up with a percentage for the grade book.

If you are wanting to grade a problem from a specific math domain, refer to the Page Setup page.

Daily Math Practice: Grading Checklist

✔: Correct
X: Incorrect

Student Names	Day: Box:	Day: Box:	Day: Box:	Day: Box:	Day: Box:	Day: Box:	Day: Box:	Day: Box:	Day: Box:	Day: Box:	Total % Correct

Answer Keys:

Pages 62 - 106

Whenever there is only one correct answer, the correct answer has been provided on the answer key. However, some of the problems ask students to think creatively. These answers have a multitude of correct answers. In this case, it has been noted that "Answers will vary."

Daily Math Practice

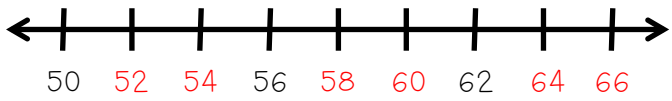
Continue the patterns below.

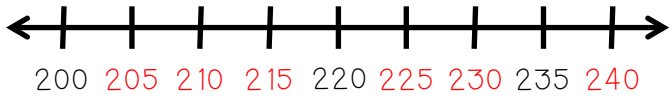
23, 30, 37, 44, 51, 58, 65, 72

95, 84, 73, 62, 51, 40, 29, 18

74, 78, 82, 86, 90, 94, 98, 102

Fill in the missing numbers on the number lines.



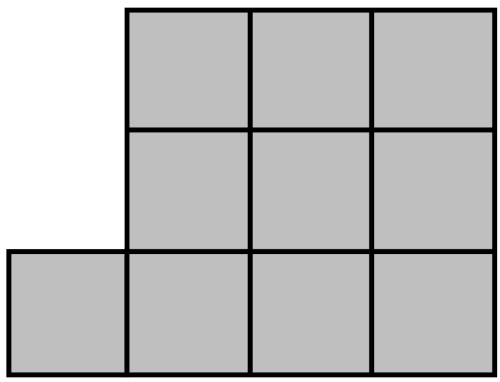


Circle the numerators. Draw a square around the denominators. The first two have been done for you.

$\frac{2}{6}$ $\frac{5}{7}$ $\frac{3}{6}$ $\frac{5}{4}$ $\frac{2}{6}$

$\frac{7}{8}$ $\frac{9}{9}$ $\frac{5}{7}$ $\frac{6}{10}$ $\frac{4}{3}$

Find the perimeter.



Perimeter: 14 units

List as many types of quadrilaterals as you can.

Square

Rectangle

Trapezoid

Parallelogram

Rhombus

CHALLENGE
Solve the riddle below.

I am a quadrilateral with two sets of parallel sides. I do not have right angles. What am I?
(2 Possible answers)

parallelogram
rhombus

Daily Math Practice

Create a pattern using the rules below.

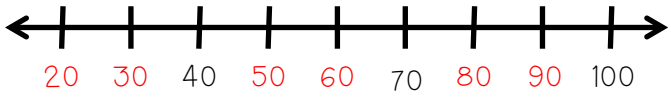
Rule: Numbers increase by 9

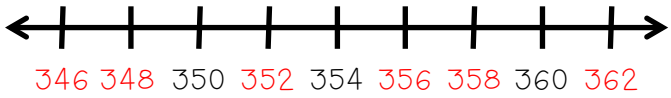
11, 20, 29, 38, 47, 56

Rule: Numbers decrease by 7

58, 51, 44, 37, 30, 23

Fill in the missing numbers on the number lines.





Label each of the numerators and denominators. The first one has been done for you.

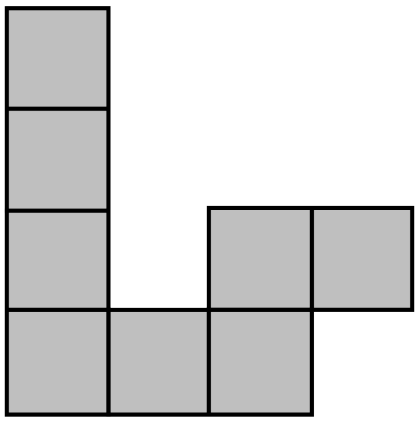
$\frac{1}{7}$ ← numerator / denominator

$\frac{3}{4}$ ← numerator / denominator

$\frac{6}{9}$ ← numerator / denominator

$\frac{5}{3}$ ← numerator / denominator

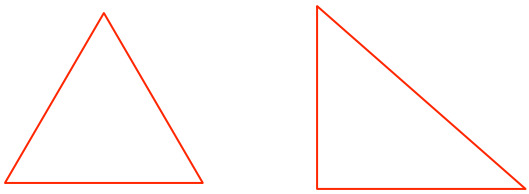
Find the perimeter.



Perimeter: 18 units

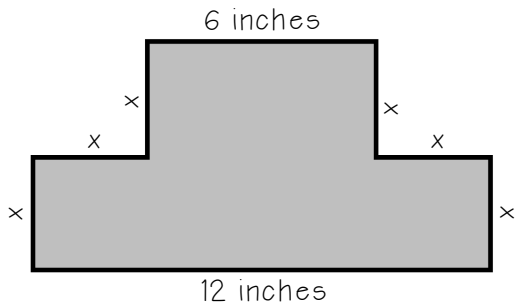
Draw 2 different triangles.

Answers will vary. A possible answer is given.



CHALLENGE

The perimeter is 36 inches. What is the length of x?



X = 3 inches

Daily Math Practice

Create a pattern using the rules below.

Answers will vary. A possible answer is given.

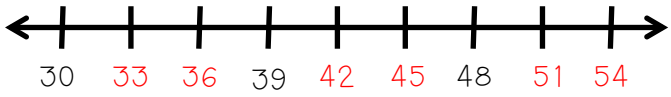
Rule: Numbers increase by 12

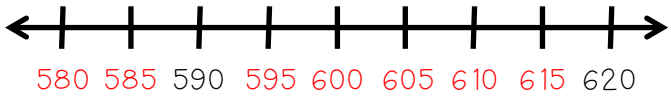
11, 23, 35, 47, 59, 71

Rule: Numbers decrease by 8

50, 42, 34, 26, 18, 10

Fill in the missing numbers on the number lines.





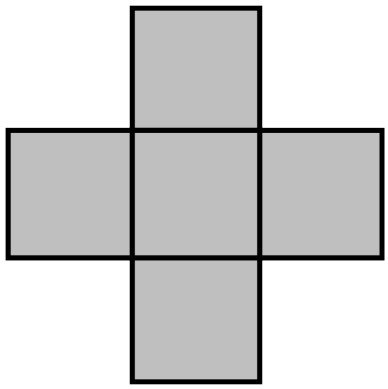
Place 5 in the numerator and 6 in the denominator.

$\frac{5}{6}$

Place 8 in the numerator and 10 in the denominator.

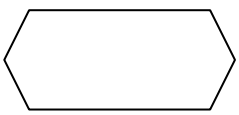
$\frac{8}{10}$

Find the perimeter.



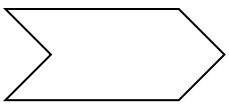
Perimeter: 12 units

Label the shapes below as either "pentagon," "hexagon," or "octagon."

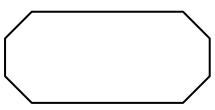


hexagon

pentagon



hexagon



octagon

CHALLENGE

Fraction riddle:

1. The numerator is 4 less than the denominator.
2. The numerator is less than 25.
3. The sum of the digits in the numerator is 10.

$\frac{19}{23}$

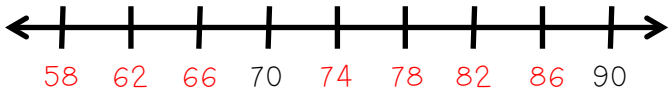
Continue the two-step patterns below.

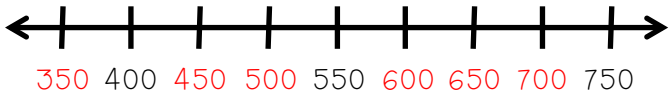
22, 29, 31, 38, 40, 47, 49, 56, 58

99, 88, 91, 80, 83, 72, 75, 64, 67

15, 23, 19, 27, 23, 31, 27, 35, 31

Fill in the missing numbers on the number lines.



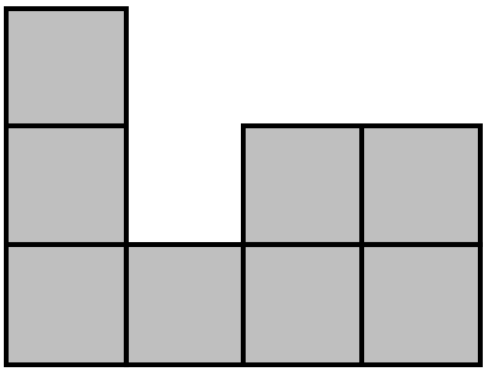


How are numerators and denominators alike? How are they different?

Answers will vary. A possible answer is given.

Numerators and denominators are both parts of fractions. The denominator is the bottom number of the fraction and tells how many total pieces there are. The numerator is the top number of the fraction.

Find the perimeter.



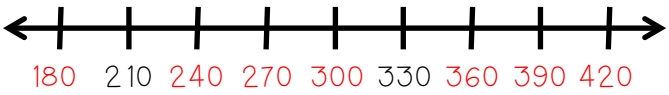
Perimeter: 16 units

Create a drawing below using only triangles and quadrilaterals.

Answers will vary.

CHALLENGE

Fill in the missing numbers on the number line.



Daily Math Practice

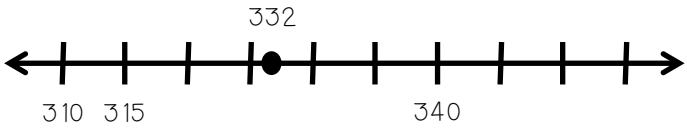
Continue the patterns below.

13, 26, 39, 52, 65, 78, 91, 104

77, 80, 83, 86, 89, 92, 95, 98

46, 40, 34, 28, 22, 16, 10, 4

Kendall put a point on the number line below to represent the number 332. What did she do wrong?



The number line is counting by 5s. Kendall placed 332 between 325 and 330, but it should be after 330.

Answers will vary. A possible answer is given.

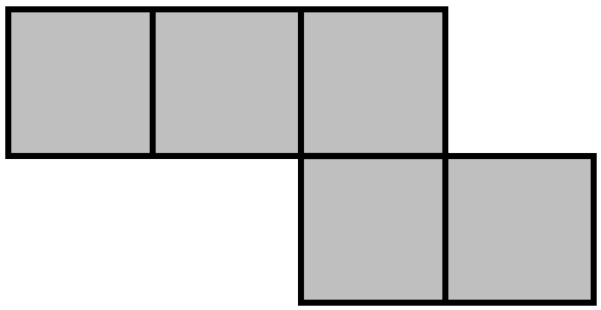
Place 3 in the numerator and 4 in the denominator.

$\frac{3}{4}$

Place 7 in the numerator and 15 in the denominator.

$\frac{7}{15}$

Find the perimeter.



Perimeter: 12 units

How are hexagons and octagons alike? How are they different?

Hexagons and octagons are both polygons, but hexagons have six sides and octagons have eight sides.

Answers will vary. A possible answer is given.

CHALLENGE

Continue the pattern below.

222	235	248	261	274
287	300	313	326	339
352	365	378	391	404
417	430	443	456	469

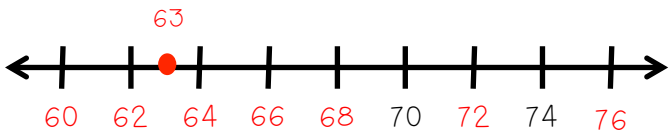
Daily Math Practice

Fill in the in and out box using the rule listed above. The first one is done for you as an example.

Rule: Add 20

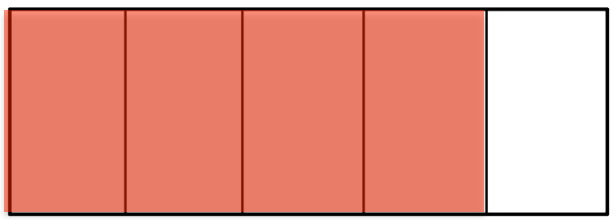
IN	OUT
1	21
30	50
44	64
79	99
96	116

Fill in the missing numbers on the number line.

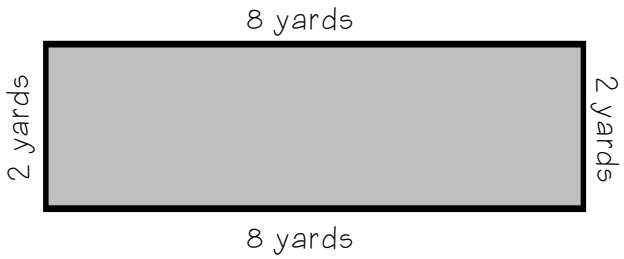


Now, place a point on the number line at the number 63.

Shade $\frac{4}{5}$ of the quadrilateral below.

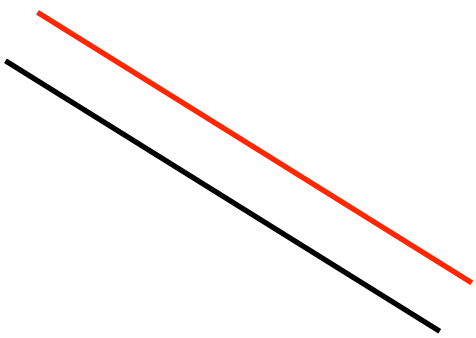


Find the perimeter.



Perimeter: 20 yards

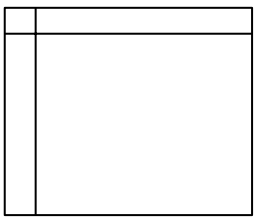
Draw a line segment that is parallel to the line segment below.



Answers will vary. A possible answer is given.

CHALLENGE

How many sets of parallel lines can you find? How many sets of intersecting lines?



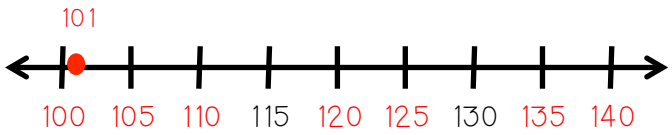
Parallel: 6 Intersecting: 9

Fill in the in and out box using the rule listed above. The first one is done for you as an example.

Rule: Subtract 9

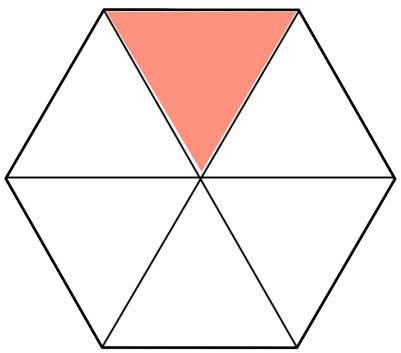
IN	OUT
11	2
19	10
64	55
87	78
106	97

Fill in the missing numbers on the number line.

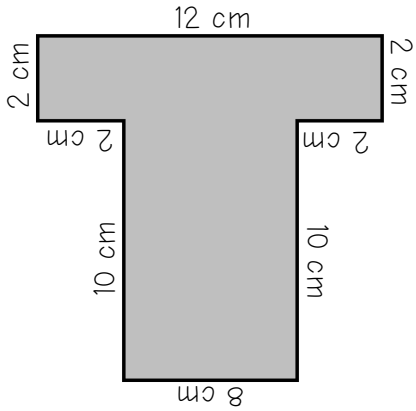


Now, place a point on the number line at the number 101.

Shade $\frac{1}{6}$ of the hexagon below.

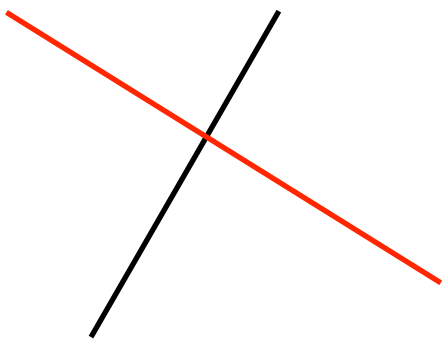


Find the perimeter.



Perimeter: 48 cm

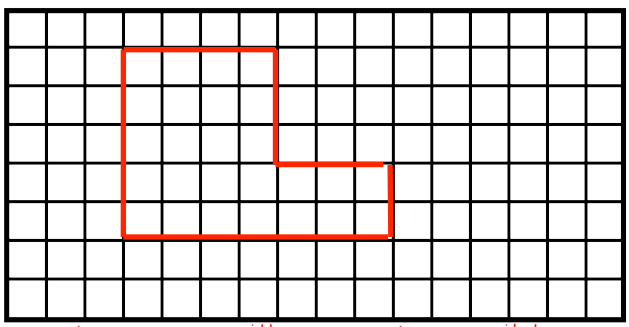
Draw a line segment that intersects the line segment below.



Answers will vary. A possible answer is given.

CHALLENGE

Draw a hexagon with a perimeter of 24 units.



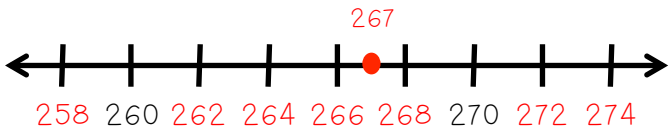
Answers will vary. A possible answer is given.

Fill in the in and out box using the rule listed above. The first one is done for you as an example.

Rule: Multiply by 4

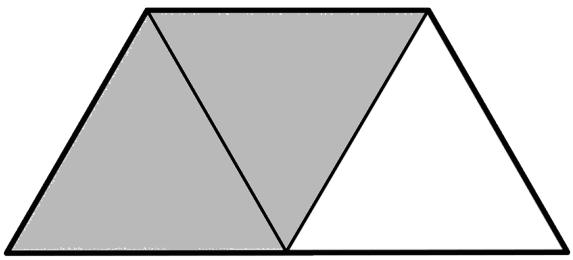
IN	OUT
4	16
7	28
9	36
10	40
11	44

Fill in the missing numbers on the number line.



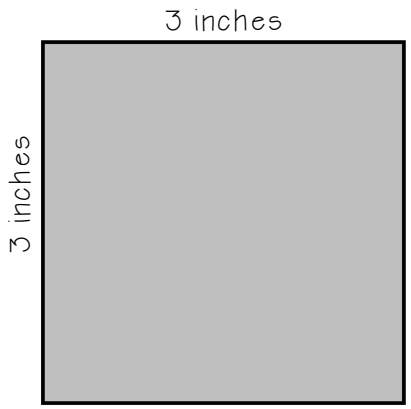
Now, place a point on the number line at the number 267.

What fraction is shaded?



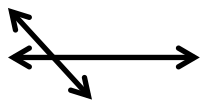
$\frac{2}{3}$

Find the perimeter.



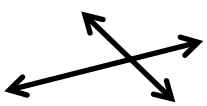
Perimeter: 12 inches

Label the lines below as "parallel" or "intersecting."

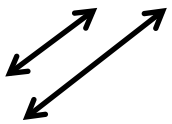


intersecting

parallel



intersecting

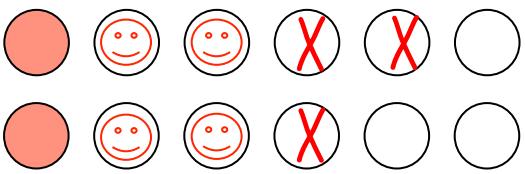


parallel

CHALLENGE

Shade $\frac{1}{6}$ of the circles below. Draw a smiley face in $\frac{1}{3}$ of the circles below. Cross out $\frac{1}{4}$ of the circles below.

2 shaded, 4 smiley faces, 3 crossed out



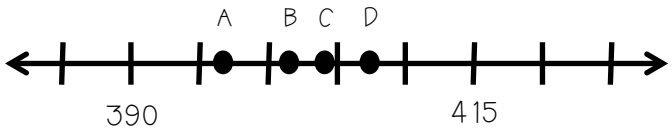
Daily Math Practice

Figure out what the rule is, and write it above the in/out box. Then, fill in the rest of the table.

Rule: Divide by 2

IN	OUT
10	5
18	9
6	3
12	6
16	8

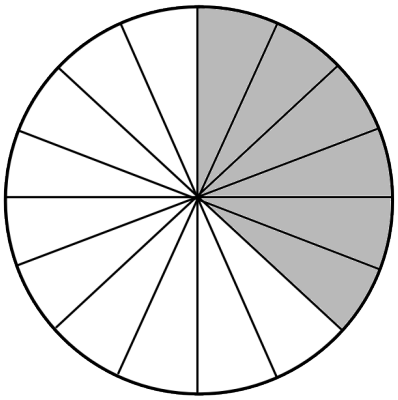
On the number line below, which point represents 402? Why?



B represents the number 402. The number line is counting by 5s, and 402 is between 400 and 405.

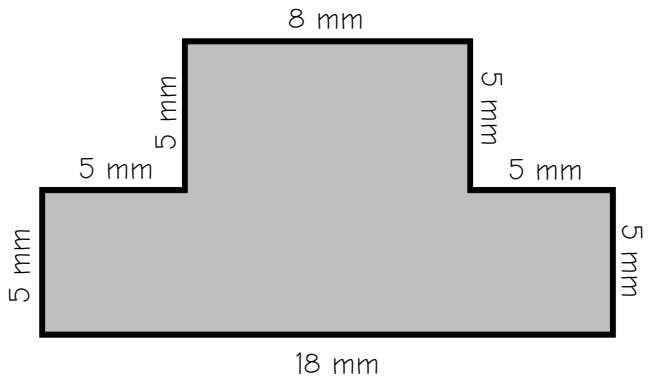
Answers will vary. A possible answer is given.

What fraction is shaded?



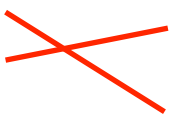
$\frac{6}{16}$

Find the perimeter.

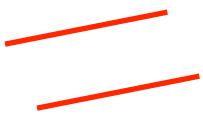


Perimeter: 56 mm

Draw a set of intersecting lines and a set of parallel lines below. Label them.



intersecting



parallel

CHALLENGE

Fill in the missing numbers on the number line.

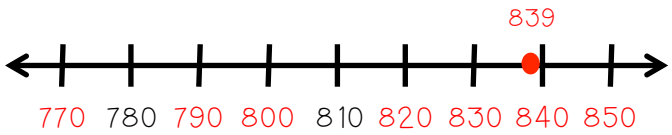
396 403 410 417 424 431 438 445 452

Figure out what the rule is, and write it above the in/out box. Then, fill in the rest of the table.

Rule: Subtract 8

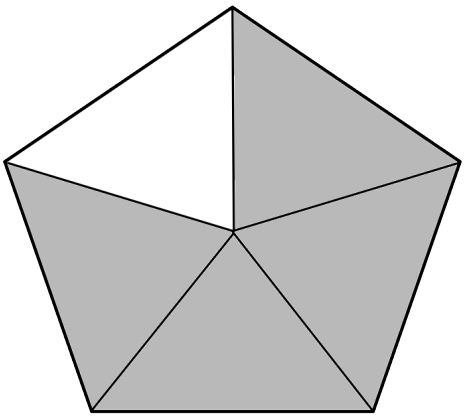
IN	OUT
19	11
41	33
95	87
103	95
253	245

Fill in the missing numbers on the number line.



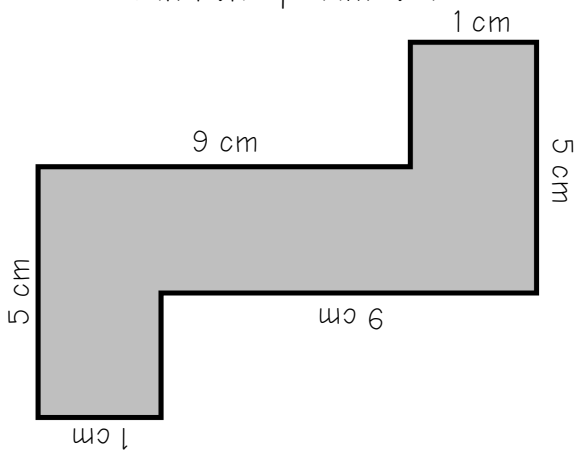
Now, place a point on the number line at the number 839.

What fraction is shaded?



$\frac{4}{5}$

Find the perimeter.



Perimeter: 30 cm

How are parallel and intersecting lines alike? How are they different?

Parallel lines and intersecting lines are both lines. However, parallel lines will go on forever without crossing, while intersecting lines cross.

Answers will vary. A possible answer is given.

CHALLENGE

Rule: Divide by 4

Fill in the in and out box using the rule listed above.

IN	OUT
36	9
68	17
44	11
56	14

Count the number of groups and how many stars are in each group.

Number of groups: 5

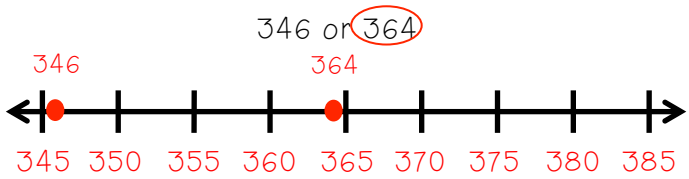
How many stars in each group: 7

Total number of stars: 35

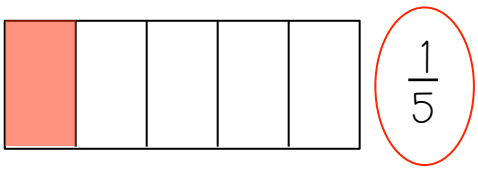
5 x 7 = 35

Look at the two numbers below, and then circle the larger number. Prove your answer using the number line.

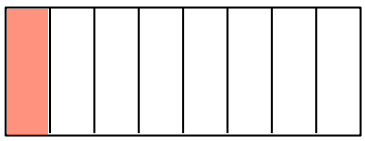
Answers will vary. A possible answer is given.



Shade the quadrilaterals below according to the fraction next to it. Then, circle the bigger fraction.

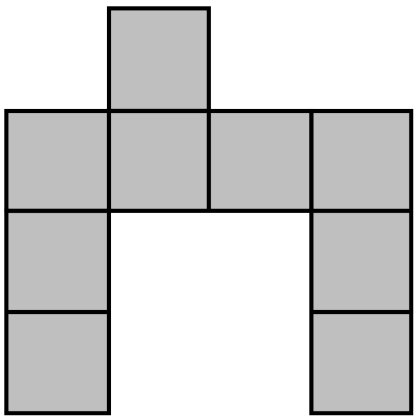


$\frac{1}{5}$



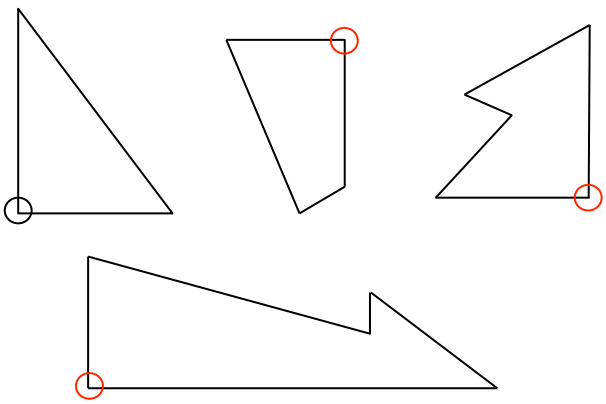
$\frac{1}{8}$

Find the area.



Area: 9 units

Each shape below has 1 right angle. Circle the right angle. The first one is done for you.



CHALLENGE

Draw a shape that has exactly 3 right angles.

Answers will vary.

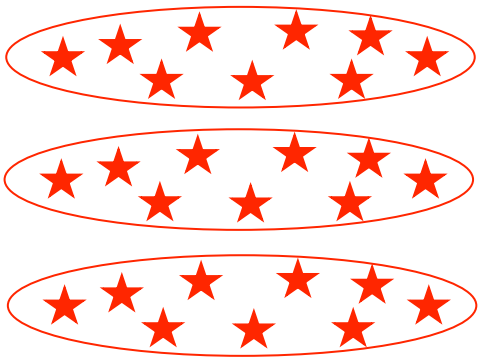
Draw a shape that has exactly 2 right angles.

Answers will vary.

Daily Math Practice

Draw groups of stars to represent the multiplication problem.

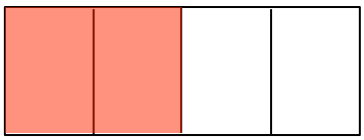
3 x 9 = 27



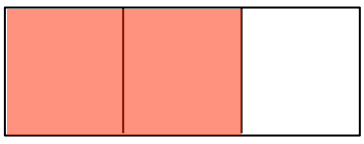
Look at the two numbers below, and then circle the larger number. Prove your answer using the number line.

718 or 708

Shade the quadrilaterals below according to the fraction next to it. Then, circle the bigger fraction.

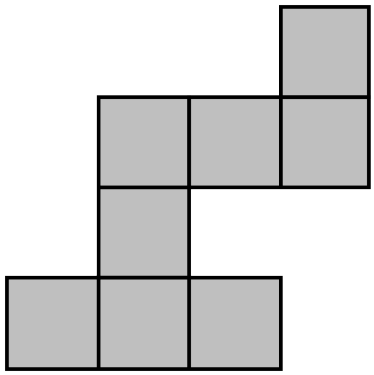


$\frac{2}{4}$



$\frac{2}{3}$

Find the area.



Area: 8 units

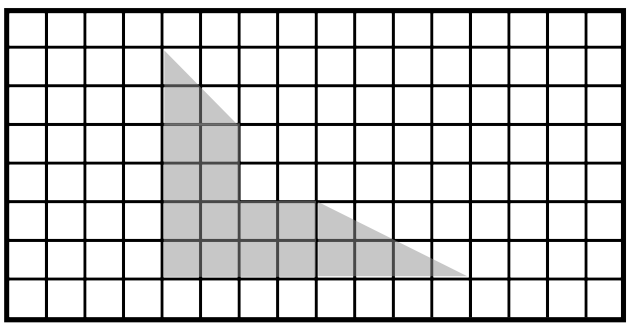
Is the angle below a right angle? Why or why not?

This is not a right angle because it is not 90 degrees, like in a square.

Answers will vary. A possible answer is given.

CHALLENGE

What is the area of the shaded shape below?



18 units

Daily Math Practice

Write the multiplication problems represented by the repeated addition facts below.

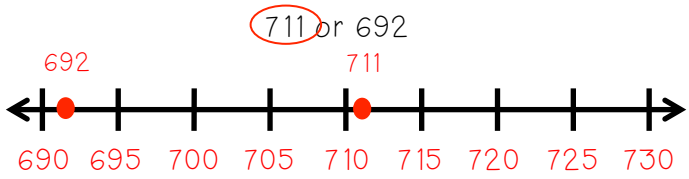
$8 + 8 + 8 + 8 + 8 + 8 =$ 48

8 x 6 = 48

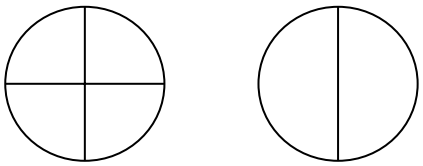
$3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 =$ 24

3 x 8 = 24

Look at the two numbers below, and then circle the larger number. Prove your answer using the number line.

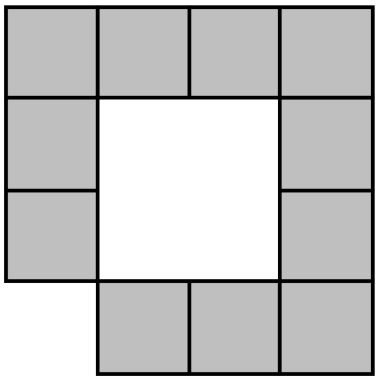


Jekyll says that $\frac{3}{4}$ is bigger than $\frac{1}{2}$. James disagrees. Who is correct? Use the shapes below to help.



Jekyll is correct because $\frac{2}{4}$ would be equivalent to $\frac{1}{2}$, and $\frac{3}{4}$ is bigger than that.

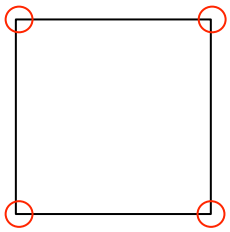
Find the area.



Area: 11 units

Draw a square below. How many right angles does it have?

4 right angles

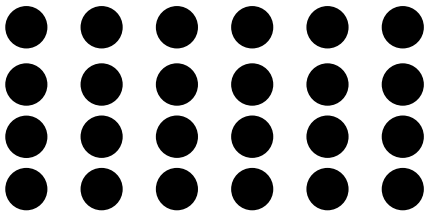


CHALLENGE

Trent and My'quasha were both given $20.00 for their birthday. My'quasha spent $\frac{3}{4}$ of her birthday money, while Trent spent $\frac{2}{5}$ of his money. How much money did the two of them spend?

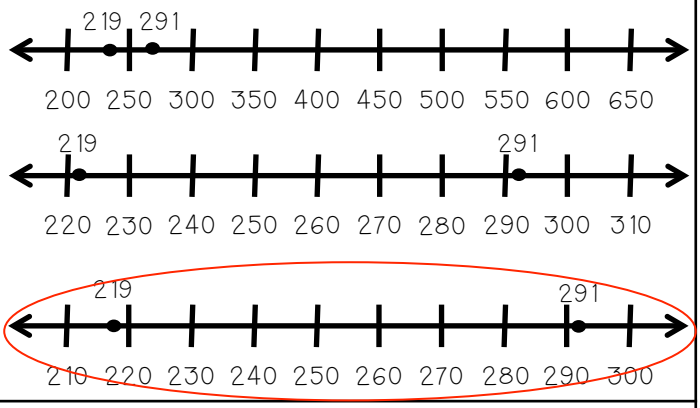
$23.00

Write the multiplication fact represented by the array below.

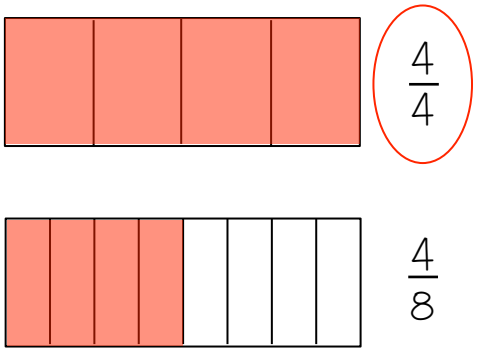


4 x 6 = 24

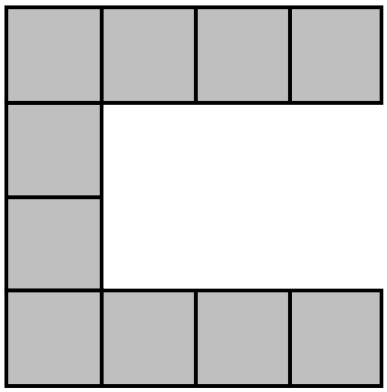
Look at the number lines below. Which number line should be used to prove that 291 is larger than 219? Circle the number line that proves this.



Shade the quadrilaterals below according to the fraction next to it. Then, circle the bigger fraction.

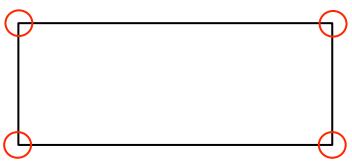


Find the area.



Area: 10 units

Draw a quadrilateral with at least two right angles below. Circle the right angles.

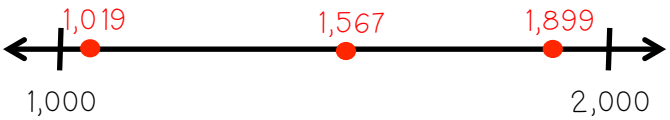


Answers will vary. A possible answer is given.

CHALLENGE

Place the numbers on the number line below.

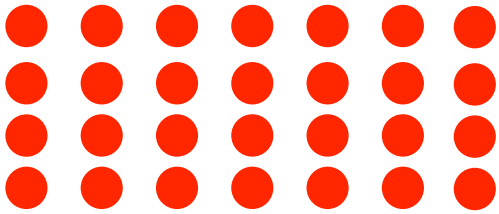
1,567 1,019 1,899



Daily Math Practice

Draw an array to represent the multiplication fact below. Then, solve the multiplication fact.

7 x 4 = 28



Why are number lines useful? How can you use them to help solve math problems?

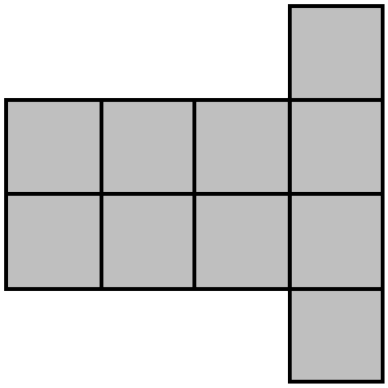
Answers will vary.

Explain which of the fractions below is bigger and how you know.

$\frac{2}{6}$ $\frac{2}{3}$

$\frac{2}{3}$ is bigger than $\frac{2}{6}$ because $\frac{2}{3}$ is bigger than $\frac{1}{2}$ and $\frac{2}{6}$ is less than $\frac{1}{2}$.

Find the area.



Area: 10 units

Circle all of the right angles in the shape below.

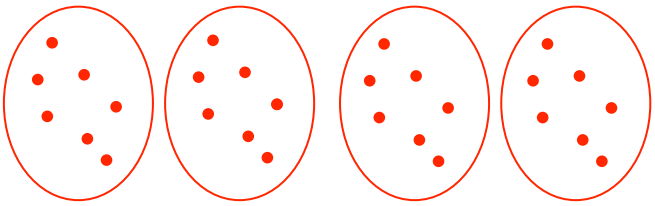
CHALLENGE

In the auditorium, there were 12 rows of chairs with 6 chairs in each row. The cafeteria had 8 more chairs than the auditorium, and there were 8 rows of chairs. In the cafeteria, how many chairs were in each row?

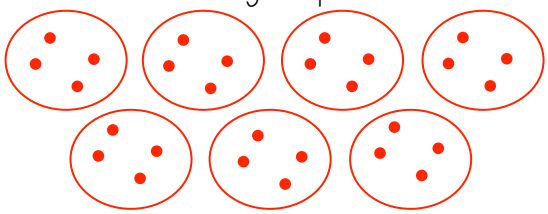
10 chairs

Daily Math Practice

Draw 4 groups of 7.

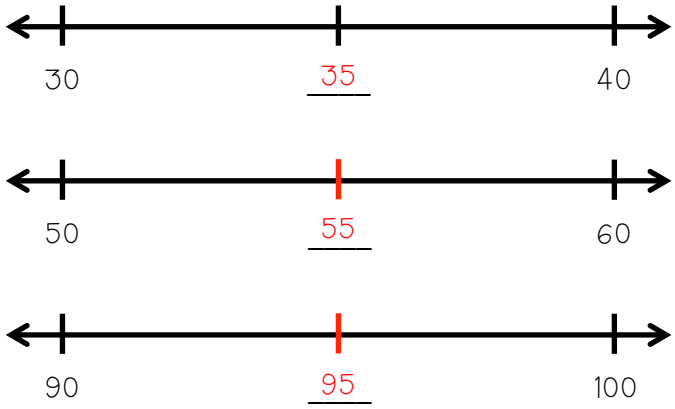


Draw 7 groups of 4.

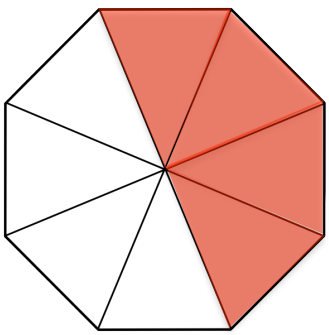


4 x 7 = 28 7 x 4 = 28

Find the halfway points on the number lines and label them.



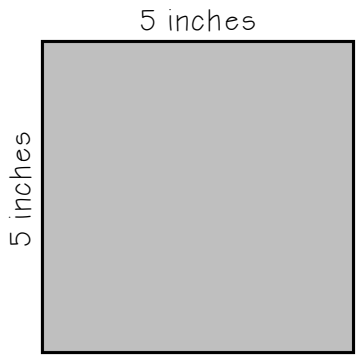
Shade $\frac{1}{2}$ of the shape below.



How much is shaded?

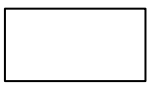
$\frac{4}{8}$

Find the area.

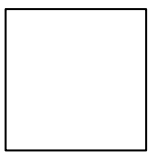


Area: 25 square inches

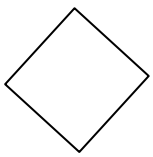
Label the shapes below as either "square" or "not a square."



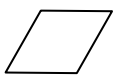
not a square



square



square



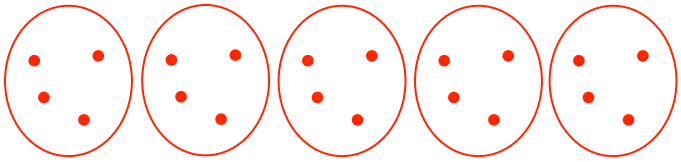
not a square

CHALLENGE

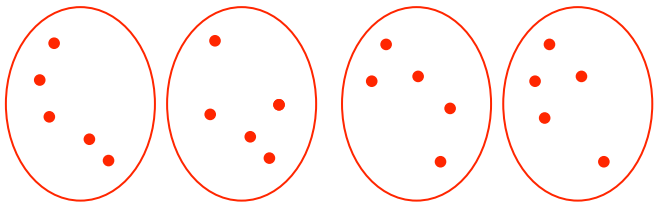
There are two congruent squares. The area of the two squares is 72 square inches. What is the length of the squares?

6 inches

Draw 5 groups of 4.

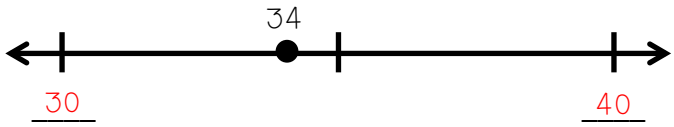


Draw 4 groups of 5.

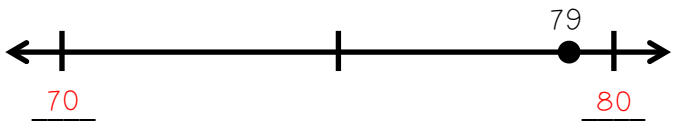


4 x 5 = 20 5 x 4 = 20

Label the multiples of ten that the numbers below fall between.

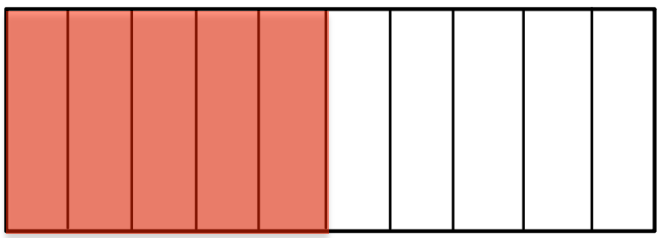


30 40



70 80

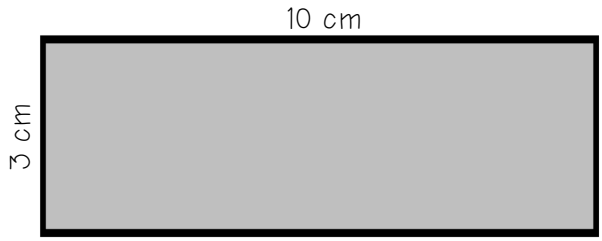
Shade $\frac{1}{2}$ of the shape below.



How much is shaded?

$\frac{5}{10}$

Find the area.



Area: 30 square cm

What's the difference between a rectangle and a square?

Squares must have 4 equal sides, while rectangles do not have to have 4 equal sides.

Answers will vary. A possible answer is given.

CHALLENGE

The area of a rug is 52 square inches. Half of the rug was cut into small pieces and thrown away. Then, a drink was spilled on half of the remaining rug. What is the area of the rug that has not been damaged?

13 square inches

Daily Math Practice

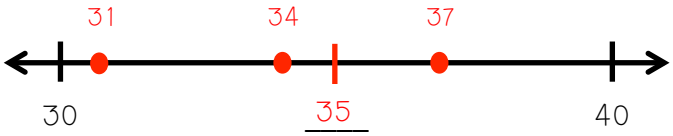
Fill in the blanks so that the equations make sense.

$6 \times 7 = 7 \times \underline{6}$

$3 \times \underline{6} = 6 \times 3$

$4 \times 13 = \underline{13} \times 4$

Find the halfway point on the number line and label it.



Now, place a point on the number line to represent the following numbers:

31

37

34

The following fractions are all equivalent to $\frac{1}{2}$.

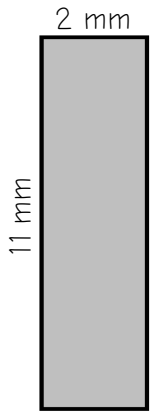
$\frac{1}{2}$ $\frac{2}{4}$ $\frac{3}{6}$ $\frac{4}{8}$ $\frac{5}{10}$ $\frac{6}{12}$

Answers will vary. A possible answer is given.

What pattern do you notice?

The numerator increases by 1 and the denominator increases by 2.

Find the area.



Area: 22 square mm

Create a drawing or design below using only squares and rectangles.

Answers will vary.

CHALLENGE

How many fractions can you list below that are equivalent to $\frac{1}{4}$?

$\frac{2}{8}$ $\frac{3}{12}$ $\frac{4}{16}$ $\frac{5}{20}$ $\frac{6}{24}$ $\frac{7}{28}$

Answers will vary. Some possible answers are given.

Daily Math Practice

Solve the equations using the information given.

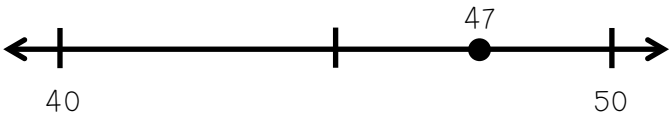
18 x 21 = 378 — 21 x 18 = 378

17 x 33 = 561 — 33 x 17 = 561

24 x 13 = 312 — 13 x 24 = 312

19 x 12 = 228 — 12 x 19 = 228

Round 47 to the nearest ten. Use the number line below to help.



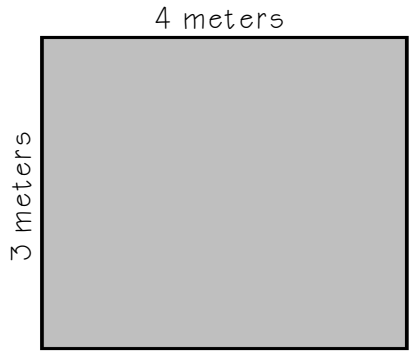
Is 47 closer to 40 or 50? 50

So, 47 rounds to 50.

Circle the fractions that are equivalent to $\frac{1}{2}$. Cross out the fractions that are NOT equivalent to $\frac{1}{2}$.

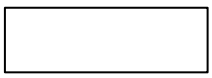
$\frac{5}{10}$ $\frac{1}{4}$ $\frac{2}{9}$ $\frac{5}{8}$ $\frac{6}{12}$ $\frac{11}{22}$ $\frac{3}{6}$

Find the area.

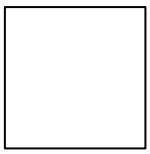


Area: 12 square meters

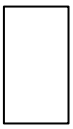
Label the shapes below as either "rectangle" or "not a rectangle."



rectangle



rectangle



rectangle

not a rectangle

CHALLENGE

List all of the numbers that, when rounded to the nearest ten, round to 300.

295 296 297 298 299

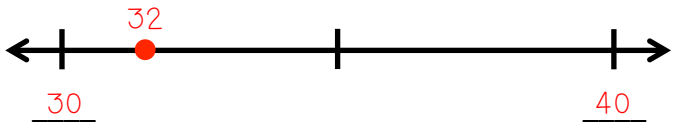
301 302 303 304

Daily Math Practice

Roman knows 12 x 13 = 156. He was trying to figure out the product of 13 x 12, and decided it was 144. Is he correct? Why or why not?

Roman is incorrect. If 12 x 13 = 156, then 13 x 12 is also 156.

Round 32 to the nearest ten. Fill in the number line below to help.



What multiple of ten is 32 closest to?

30

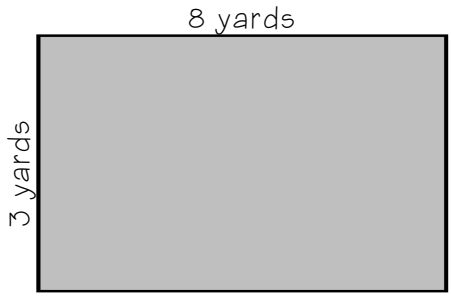
So, 32 rounds to 30.

Fill in the numerator of the fractions below to make them equivalent to $\frac{1}{2}$.

$\frac{3}{6}$ $\frac{5}{10}$ $\frac{10}{20}$ $\frac{2}{4}$

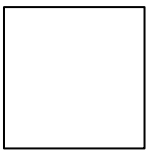
$\frac{9}{18}$ $\frac{4}{8}$ $\frac{6}{12}$ $\frac{8}{16}$

Find the area.



Area: 24 square yards

Is the shape below a square or a rectangle? Explain.



Answers will vary. A possible answer is given.

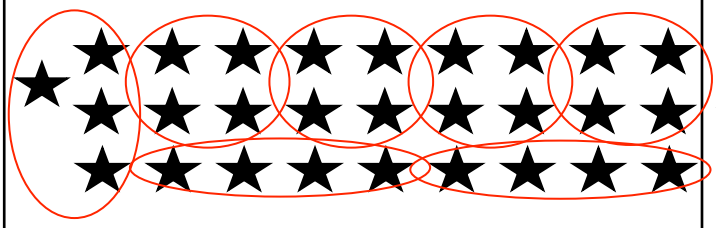
This shape can be considered a square or a rectangle because it has 4 right angles and 2 sets of parallel sides.

CHALLENGE

List 8 multiplication problems that equal 42.

1 x 42 = 42
42 x 1 = 42
2 x 21 = 42
21 x 2 = 42
3 x 14 = 42
14 x 3 = 42
6 x 7 = 42
7 x 6 = 42

Divide the stars into 7 equal groups.



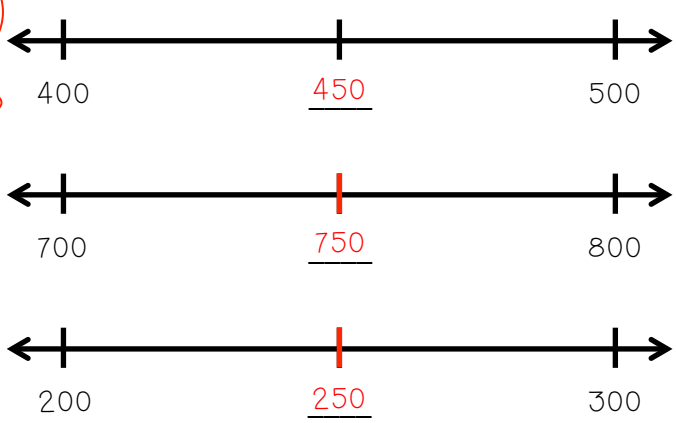
How many total stars are there?

How many groups were the stars divided into?

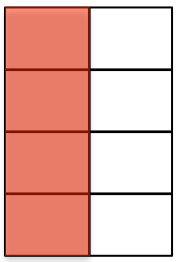
How many stars are in each group?

28 ÷ 7 = 4

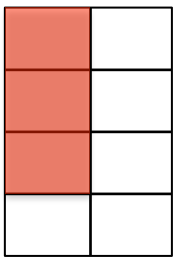
Find the halfway points on the number lines and label them.



Shade $\frac{1}{2}$.

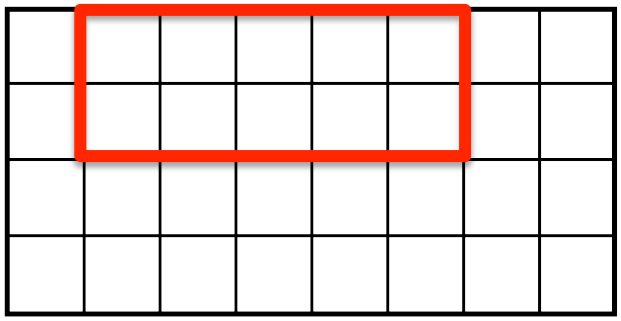


Shade $\frac{3}{8}$.



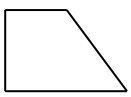
Which is bigger, $\frac{1}{2}$ or $\frac{3}{8}$?

Draw a shape with an area of 10 square units.

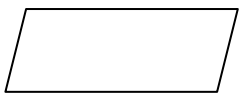


Answers will vary. A possible answer is given.

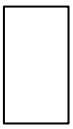
Label the shapes below as either "parallelogram" or "trapezoid."



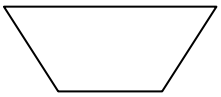
trapezoid



parallelogram



parallelogram



trapezoid

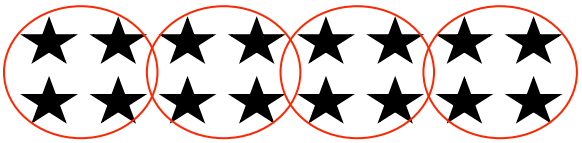
CHALLENGE

Can you draw a parallelogram with exactly two right angles? Explain.

No. Since both sets of opposite sides must be parallel, a parallelogram has to have 4 right angles or no right angles.

Daily Math Practice

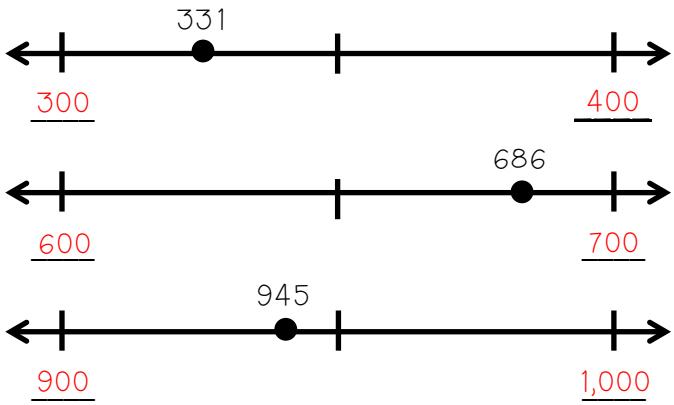
Divide the stars into 4 equal groups.



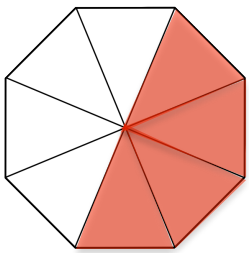
How many total stars are there?	How many groups were the stars divided into?	How many stars are in each group?
16	4	4

$16 \div 4 = 4$

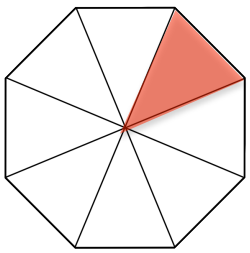
Label the multiples of one hundred that the numbers below fall between.



Shade $\frac{1}{2}$.

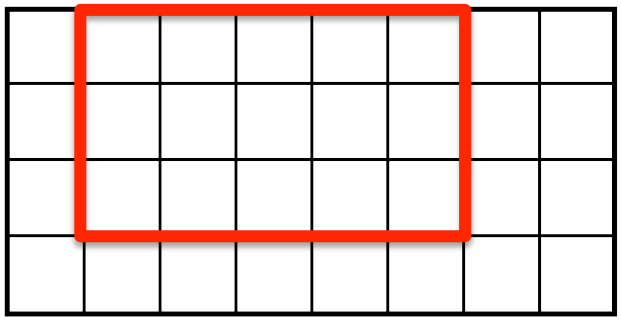


Shade $\frac{1}{8}$.



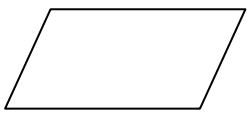
Which is bigger, $\frac{1}{2}$ or $\frac{1}{8}$?

Draw a shape with an area of 15 square units.



Answers will vary. A possible answer is given.

What is the name of the shape below? How do you know?

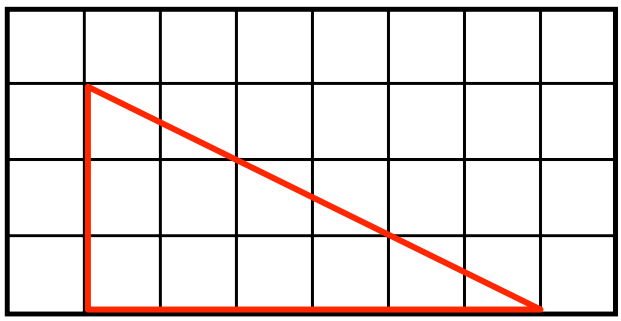


Answers will vary. A possible answer is given.

This shape is a parallelogram because it has 2 sets of parallel sides. It does not have right angles, so it is not a square or rectangle.

CHALLENGE

Draw a triangle with an area of 9 square units.

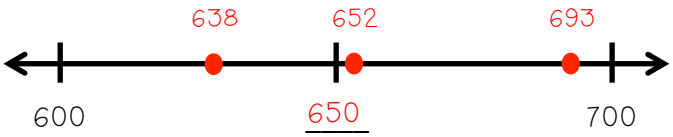


Answers will vary. A possible answer is given.

Model the division fact 18 ÷ 3 below. Then, solve the division fact.

18 ÷ 3 = 6

Find the halfway point on the number line and label it.



Now, place a point on the number line to represent the following numbers:

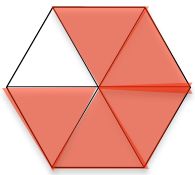
638

652

693

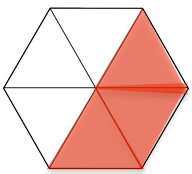
Write the correct symbol (<, >, or =) in each box. Use the shapes to help.

Shade $\frac{5}{6}$.



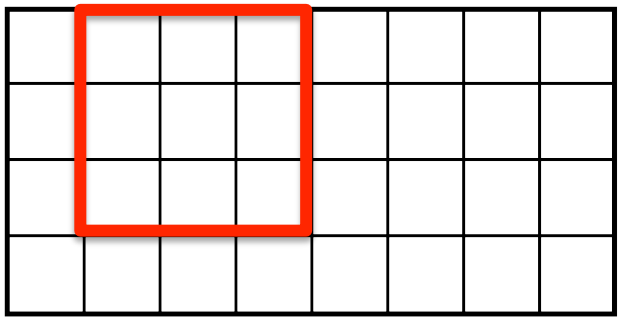
$\frac{5}{6}$ > $\frac{1}{2}$

Shade $\frac{3}{6}$.



$\frac{3}{6}$ = $\frac{1}{2}$

Draw a shape with an area of 9 square units.



Answers will vary. A possible answer is given.

Create a drawing or design below using only trapezoids and parallelograms.

Answers will vary.

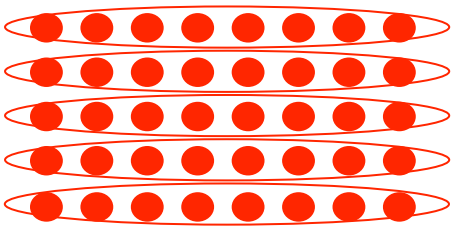
CHALLENGE

Alvaro and Sherri were both baking cookies. Alvaro baked 24 cookies, but he burnt $\frac{1}{6}$ of the cookies. Sherri baked 15 cookies, but she burnt $\frac{1}{5}$ of the cookies. After throwing away the burnt cookies, how many cookies do the two of them have left?

32 cookies

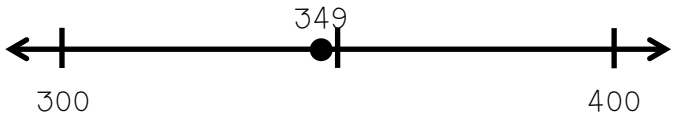
Daily Math Practice

Model the division fact 40 ÷ 8 below. Then, solve the division fact.



40 ÷ 8 = 5

Round 349 to the nearest hundred. Use the number line below to help.

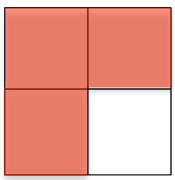


Is 349 closer to 300 or 400? 300

So, 349 rounded to the nearest hundred is: 300

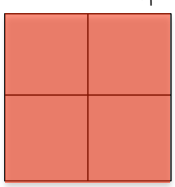
Write the correct symbol (<, >, or =) in each box. Use the shapes to help.

Shade $\frac{3}{4}$.



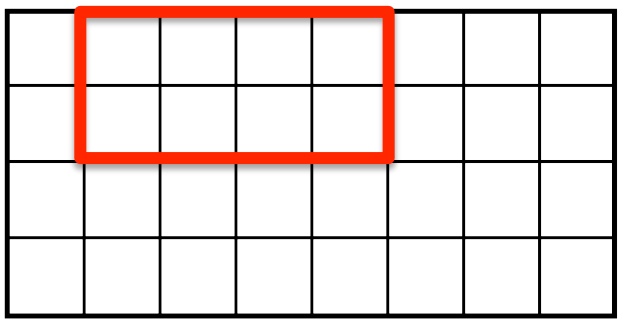
$\frac{3}{4}$ > $\frac{1}{2}$

Shade $\frac{4}{4}$.



$\frac{4}{4}$ > $\frac{1}{2}$

Draw a shape with an area of 8 square units.



Answers will vary. A possible answer is given.

Can you draw a parallelogram with 4 right angles? Explain.

Yes, you can draw a parallelogram with 4 right angles. A rectangle has 2 sets of parallel sides, like a parallelogram, but it also has 4 right angles.

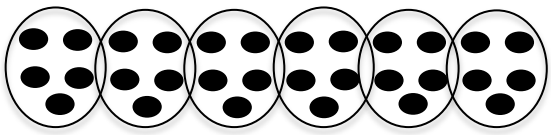
Answers will vary. A possible answer is given.

CHALLENGE

Round the numbers to the nearest hundred.

56	100	518	500
109	100	941	900
1,001	1,000	4,259	4,300
4,978	5,000	4,723	4,700
8,132	8,100	7,960	8,000
19,483	19,500	13,135	13,100

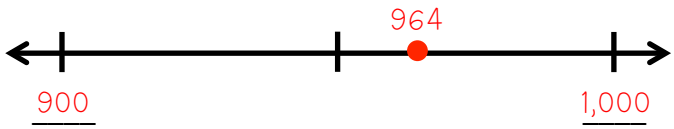
Maureen modeled the division fact 30 ÷ 6 below. Did she do this correctly? Why or why not?



Maureen modeled the division fact correctly. She divided 30 circles into 6 groups, with 5 in each group.

Answers will vary. A possible answer is given.

Round 964 to the nearest hundred. Fill in the number line below to help.

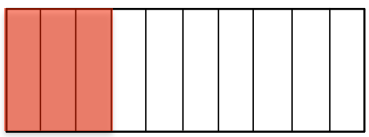


What multiple of one hundred is 964 closest to? 1,000

So, 964 rounded to the nearest hundred is: 1,000

Write the correct symbol (<, >, or =) in each box. Use the shape to help.

Shade $\frac{3}{10}$.

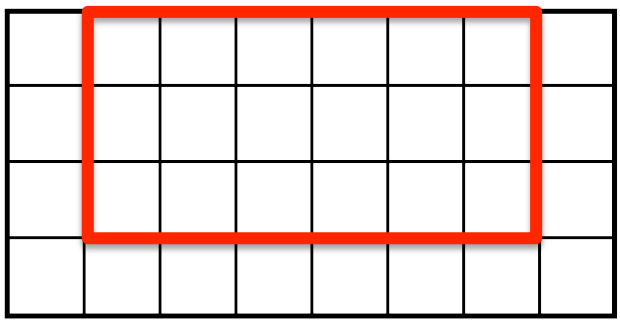


$\frac{3}{10}$ < $\frac{1}{2}$

Try these without shapes for help!

$\frac{9}{10}$ > $\frac{1}{2}$ $\frac{6}{10}$ > $\frac{1}{2}$

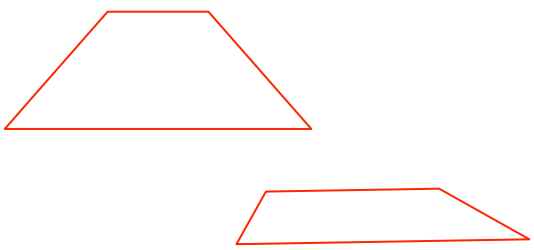
Draw a shape with an area of 18 square units.



Answers will vary. A possible answer is given.

Draw 2 different trapezoids below.

Answers will vary. A possible answer is given.



CHALLENGE

Solve.

17 x 11 = 187 22 x 15 = 330

57 ÷ 3 = 19 96 ÷ 6 = 16

Daily Math Practice

Complete the fact family.

4 x 6 = 24

6 x 4 = 24

24/6 = 4

24/4 = 6

Count by 10s.

317, 327, 337, 347, 357, 367,
377, 387, 397, 407, 417,
427, 437, 447, 457, 467,
477, 487, 497, 507, 517

Add **20** to each number.

231	251	119	139	827	847
364	384	516	536	893	913

Roberta bought a large pepperoni pizza that had been sliced into 8 pieces. She ate $\frac{1}{4}$ of the pizza. How many slices did Roberta eat?

2 slices of pizza

Bryan put 4 placemats on the dining room table. Each of the placemats had an area of 30 square inches. What was the total area of the 4 placemats?

120 square inches

How are rhombuses and squares alike? How are they different?

Rhombuses and squares both have 4 equal sides. However, squares must have 4 right angles and rhombuses do not have to.

Answers will vary. A possible answer is given.

CHALLENGE

Create a drawing that has exactly 3 triangles, 4 quadrilaterals, and 6 pentagons.

Answers will vary.

Daily Math Practice

Complete the fact family.

$32 \div 4 = 8$

32/8 =4

4 x 8 = 32

8 x 4 = 32

Count backwards by 10s.

701, 691, 681, 671, 661, 651,
641, 631, 621, 611, 601,
591, 581, 571, 561, 551,
541, 531, 521, 511, 501

Subtract 10 from each number.

34 24 222 212 169 159

99 89 452 442 281 271

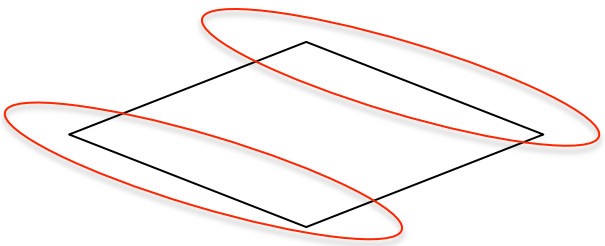
There were 6 dogs at the animal shelter. $\frac{2}{3}$ of the dogs still need to be adopted. How many dogs need to be adopted?

4 dogs still need to be adopted

Jacqualyn was covering her driveway in chalk drawings. Her driveway had an area of 42 square feet. She had already covered half of the driveway in drawings. What is the area of the part of the driveway that is not covered in drawings?

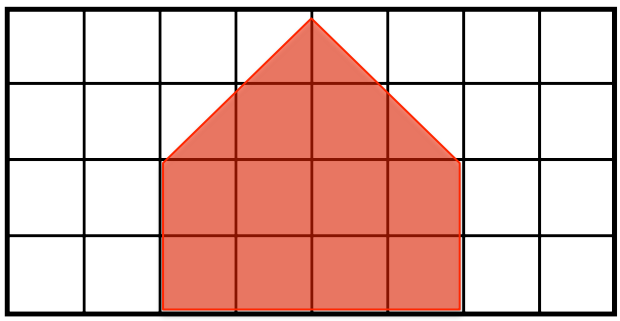
21 square feet

Circle one set of parallel line segments in the rhombus below.



Students could also circle the other pair of parallel segments.

CHALLENGE
Draw a pentagon with an area of 12 square units.



Answers will vary. A possible answer is given.

Daily Math Practice

Complete the fact family.

15 x 18 = 270

18 x 15 = 270

270/18 = 15

270/15 = 18

Count by 100s.

317, 417, 517, 617,
717, 817, 917,
1,017, 1,117, 1,217,
1,317, 1,417, 1,517

Add **200** to each number.

243 443 341 541 2,214 2,414

627 827 268 468 4,901 5,101

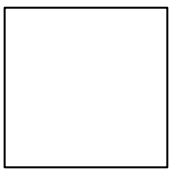
Braelyn had 14 math problems for homework. She finished half of them before dinner. How many problems will she have to complete after dinner?

7 math problems

Christy was gluing ribbon around the perimeter of a picture frame. The picture frame was 6 inches by 8 inches. How much ribbon will Christy need?

28 inches of ribbon

Is the shape below a rhombus or a square? Explain.



Answers will vary. A possible answer is given.

This shape is both a rhombus and a square because it has 2 sets of equal, parallel sides.

CHALLENGE

Draw a design below using circles, triangles, and squares. $\frac{3}{8}$ of the shapes should be circles and $\frac{1}{4}$ should be squares.

Answers will vary.

Daily Math Practice

Which equation below does not belong to the fact family? Why?

17 x 12 = 204 | 204/3 = 68
12 x 17 = 204 | 204/17 = 12

204/3 = 68 does not belong in this fact family. Instead, it should be 204/12 = 17.

Count backwards by 100s.

6,181, 6,081, 5,981, 5,881,
5,781, 5,681, 5,581,
5,481, 5,381, 5,281,
5,181, 5,081, 4,981

Subtract **100** from each number.

232	132	805	705	391	291
473	373	332	232	291	191

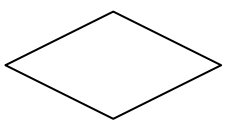
Malik had 12 toys. His mom said he needed to donate $\frac{1}{3}$ of his toys to charity. How many toys will Malik give away?

4 toys

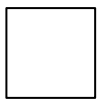
A painting on the wall has an area of 50 square inches. The painting has a height of 5 inches. What is the width of the painting?

10 inches

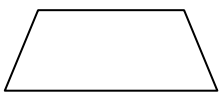
Label the shapes below as either "rhombus" or "trapezoid."



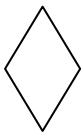
rhombus



rhombus



trapezoid



rhombus

CHALLENGE
Continue the pattern.

237,332 257,332 277,332

297,332 317,332 337,332

357,332 377,332 397,332

Daily Math Practice

Create your own fact family below.

3 x 5 = 15

5 x 3 = 15

15 / 3 = 5

15 / 5 = 3

Answers will vary. A possible answer is given.

Count by 100s.

881, 981, 1,081, 1,181,
1,281, 1,381, 1,481,
1,581, 1,681, 1,781,
1,881, 1,981, 2,081

Add **300** to each number.

241 541 399 699 4,749 5,049

351 651 367 667 2,691 2,991

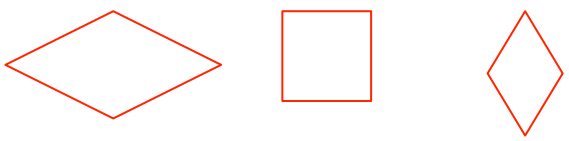
Daniel had 8 quarters. He used $\frac{3}{4}$ of the quarters to buy some gum. How many quarters does Daniel have left?

2 quarters

Kevin ran around the perimeter of a small soccer field 4 times. He ran a total of 320 meters. What was the perimeter of the soccer field?

80 meters

Draw 3 different rhombuses below.



Answers will vary. A possible answer is given.

CHALLENGE

Create a fact family using the following numbers:

37 14

Answers will vary. Students could create a fact family based on multiplying the two numbers above (37 x 14 = 518), adding them (37 + 14 = 51), or subtracting them (37 – 14 = 23).

Daily Math Practice

Solve.

5 x 7 = 35

3 x 9 = 27

4 x 6 = 24

8 x 7 = 56

6 x 9 = 54

2 x 11 = 22

1 x 6 = 6

7 x 7 = 49

8 x 4 = 32

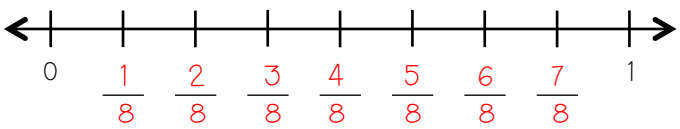
5 x 9 = 45

Solve.

$$\begin{array}{r} 573 \\ +\ 19 \\ \hline 592 \end{array} \qquad \begin{array}{r} 710 \\ -\ 71 \\ \hline 639 \end{array}$$

$$\begin{array}{r} 394 \\ +248 \\ \hline 642 \end{array} \qquad \begin{array}{r} 723 \\ -514 \\ \hline 209 \end{array}$$

Label the number line below.



The first camel drank 115 liters of water. A second camel drank 32 liters of water less than the first camel. How much water did the second camel drink?

83 liters

Draw a rectangle that has been divided into four equal parts.

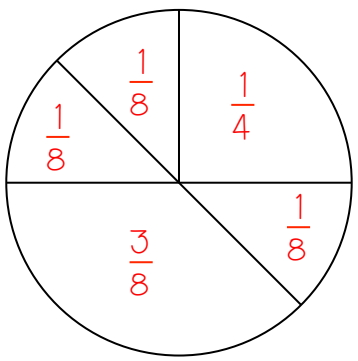
Answers will vary.

Draw a rectangle that has been divided into four unequal parts.

A possible answer is given.

CHALLENGE

Label the fractional area of each part below.



Daily Math Practice

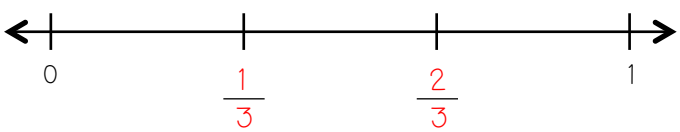
Solve.

3 x 3 = 9	0 x 4 = 0
8 x 6 = 48	7 x 9 = 63
4 x 7 = 28	3 x 10 = 30
9 x 9 = 81	11 x 1 = 11
6 x 2 = 12	5 x 8 = 40

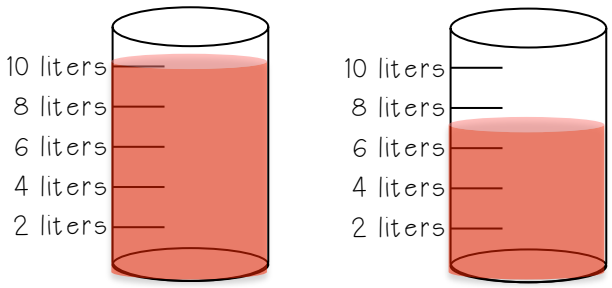
Solve.

261 + 399 = 660	325 - 207 = 118
888 + 222 = 1,110	369 - 254 = 115

Label the number line below.

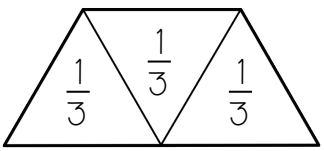


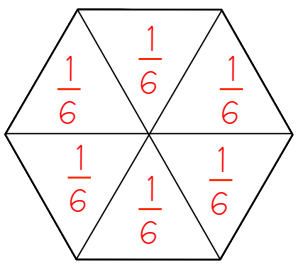
Maria drank 7 liters of milk. Her sister Esme drank 3 liters more than Maria. Use the beakers below to shade in the total amount of milk the two of them drank.



Label the fractional area of each part below. An example is given.

Example





CHALLENGE

Bradley had 7 liters of milk. Christina had 2 more liters of milk than Bradley. Jesse had 4 less liters of milk than Christina. They combined all of the milk, and then divided it equally between the three of them. How many liters of milk did they each get?

7 liters

Daily Math Practice

Fill in the blanks.

3 x 4 = 12

5 x 12 = 60

4 x 8 = 32

10 x 6 = 60

7 x 7 = 49

21 = 3 x 7

18 = 9 x 2

3 x 9 = 27

24 = 8 x 3

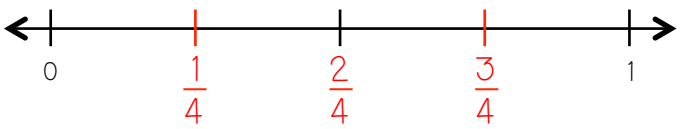
13 x 1 = 13

Solve.

$$\begin{array}{r} 452 \\ +\ 279 \\ \hline 731 \end{array} \qquad \begin{array}{r} 808 \\ -\ 642 \\ \hline 166 \end{array}$$

$$\begin{array}{r} 774 \\ +\ 363 \\ \hline 1,137 \end{array} \qquad \begin{array}{r} 665 \\ -\ 428 \\ \hline 237 \end{array}$$

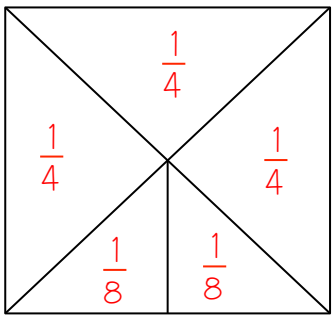
Divide the number line below into 4 equal sections (the middle has been identified for you). Then, label each section on the number line.



A mouse has a mass of 25 grams. A rat has a mass of 200 grams. How much more mass does a rat have than a mouse?

175 grams

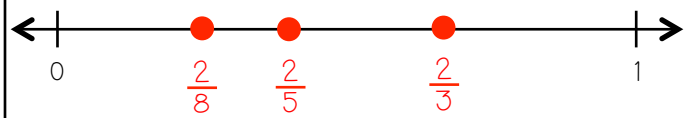
Label the fractional area of each part below.



CHALLENGE

Place the fractions on the number line below.

2/8 2/3 2/5



Daily Math Practice

Fill in the blanks.

5 x 5 = 25

12 = 2 x 6

3 x 10 = 30

16 = 4 x 4

6 x 9 = 54

8 x 8 = 64

11 x 4 = 44

6 = 2 x 3

0 x 8 = 0

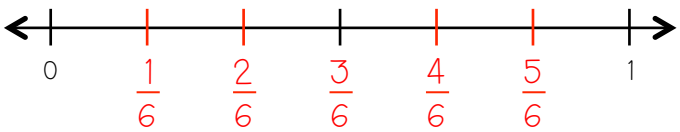
6 x 7 = 42

Solve.

$$\begin{array}{r} 724 \\ +749 \\ \hline 1,473 \end{array} \qquad \begin{array}{r} 924 \\ -633 \\ \hline 291 \end{array}$$

$$\begin{array}{r} 524 \\ +559 \\ \hline 1,083 \end{array} \qquad \begin{array}{r} 703 \\ -261 \\ \hline 442 \end{array}$$

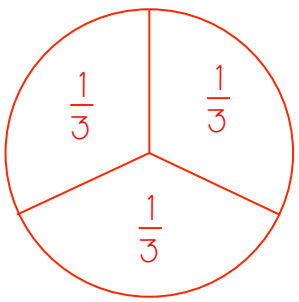
Divide the number line below into 6 equal sections (the middle has been identified for you). Then, label each section on the number line.



Jeff's stuffed animal had a mass of 7 grams. His toy cars had a mass of 8 grams. If he had 1 stuffed animal and 3 toy cars, what was the total mass of the toys?

31 grams

Divide a circle into 3 equal parts. Label the fractional parts.



CHALLENGE

Create an addition problem where the sum of the two numbers is 3,419 and both addends are less than 2,000.

1,516 + 1,903 = 3,419

Answers will vary. A possible answer is given.

Daily Math Practice

Fill in the blanks.

9 x 2 = 18

5 x 5 = 25

6 x 4 = 24

8 x 8 = 64

8 x 6 = 48

10 x 9 = 90

40 = 8 x 5

25 = 5 x 5

36 = 9 x 4

32 = 8 x 4

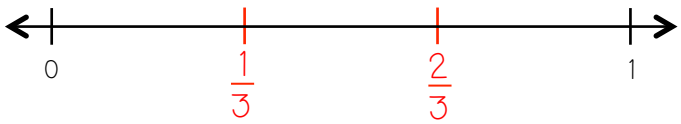
Answers will vary. A possible answer is given.

Solve.

$$\begin{array}{r} 381 \\ +\ 591 \\ \hline 972 \end{array} \qquad \begin{array}{r} 530 \\ -\ 225 \\ \hline 305 \end{array}$$

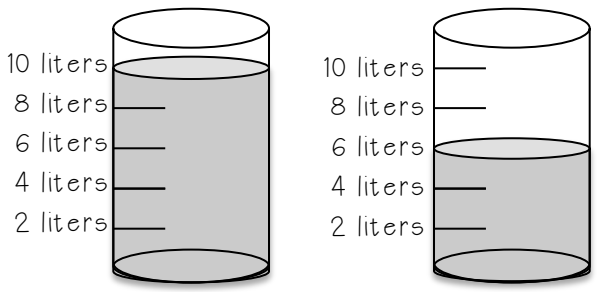
$$\begin{array}{r} 699 \\ +\ 268 \\ \hline 967 \end{array} \qquad \begin{array}{r} 432 \\ -\ 267 \\ \hline 165 \end{array}$$

Divide the number line below into 3 equal sections. Then, label each section on the number line.

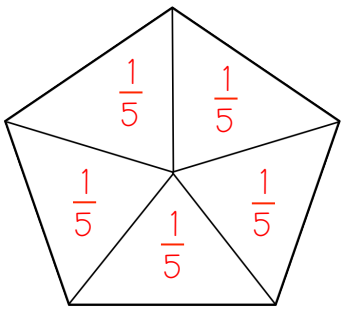


Henrik had the amount of water shown in the beakers below. His sister drank 5 liters. How much water does he have left?

11 liters



Label the fractional area of each part below.



CHALLENGE
Solve.

15 x 15 = 225

20 x 13 = 260

56 ÷ 4 = 14

78 ÷ 6 = 13

Daily Math Practice

Solve.

20 ÷ 5 = 4

36 ÷ 6 = 6

7 ÷ 7 = 1

12 ÷ 4 = 3

18 / 9 = 2

48 / 6 = 8

70 / 7 = 10

28 / 4 = 7

Write at least 5 equations that equal the number 36.

Answers will vary. A possible answer is given.

6 x 6 = 36

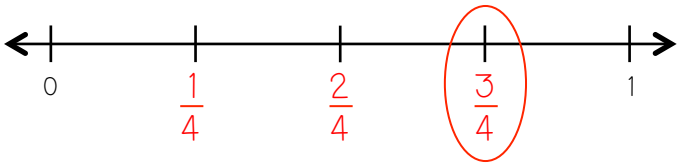
30 + 6 = 36

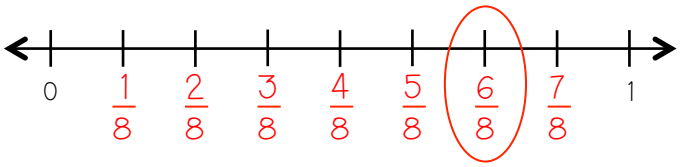
12 x 3 = 36

40 − 4 = 36

9 x 4 = 36

Label both the number lines. What fraction is equivalent to $\frac{3}{4}$?

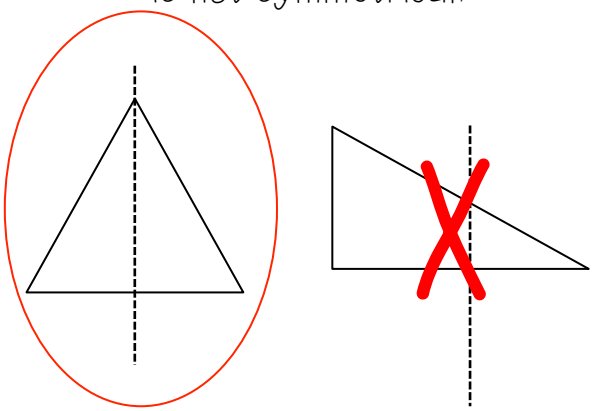




AJ's alarm woke him up at 8:15, but he didn't get up right away. AJ finally got out of bed at 8:48. How long did AJ lay in bed?

33 minutes

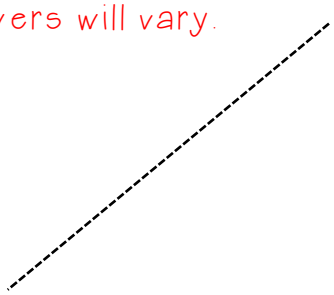
Circle the image below that is symmetrical. Cross out the image that is not symmetrical.



CHALLENGE

Create a symmetrical drawing below. Use the line of symmetry given.

Answers will vary.



Daily Math Practice

Solve.

8 ÷ 2 = 4

72 ÷ 8 = 9

56 ÷ 7 = 8

15 ÷ 5 = 3

18 / 3 = 6

24 / 4 = 6

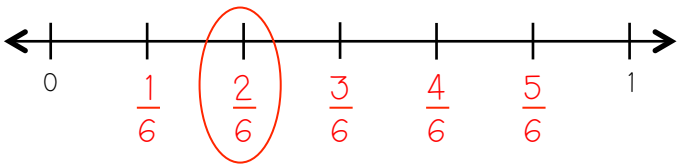
4 / 2 = 2

80 / 8 = 10

Write at least 5 equations that equal the number 27.

Answers will vary.

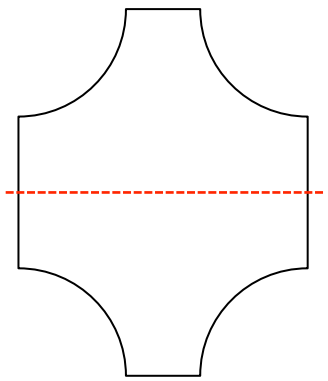
Label both the number lines. What fraction is equivalent to $\frac{2}{6}$?



Shawn was at the swimming pool for 3 hours. He got there at 1:25. What time did did he leave the swimming pool?

4:25

Draw a line of symmetry for the image below.



Students could also draw a vertical line of symmetry.

CHALLENGE

Pasha got $4.00 for every 30 minutes he worked. He worked from 11:24 in the morning to 5:54 in the afternoon. How much money will he make?

$52.00

Solve.

$6\overline{)30} = 5$

$10\overline{)90} = 9$

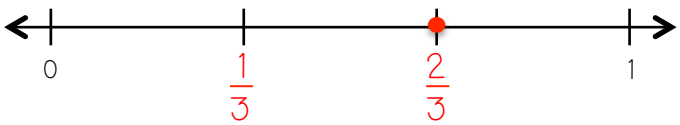
$5\overline{)60} = 12$

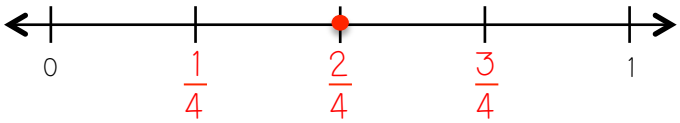
$8\overline{)64} = 8$

Write at least 5 equations that equal the number 42.

Answers will vary.

Label both the number lines. Then, use the number lines to help you fill in the appropriate symbol (<, =, >) below.



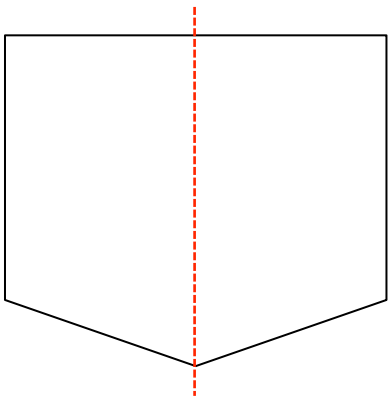


$\frac{2}{3}$ > $\frac{2}{4}$

Anja took a nap from 1:36 PM to 2:09 PM. How long was she asleep?

33 minutes

Draw a line of symmetry for the image below.



CHALLENGE

Luis has 27 shirts. $\frac{2}{9}$ of the shirts are red, and $\frac{2}{3}$ of the shirts are blue. The rest are green. How many green shirts does Luis have?

3 green shirts

Daily Math Practice

Fill in the blanks.

35 ÷ 7 = 5

28 ÷ 4 = 7

6 = 36 ÷ 6

24 ÷ 8 = 3

81 ÷ 9 = 9

24 ÷ 6 = 4

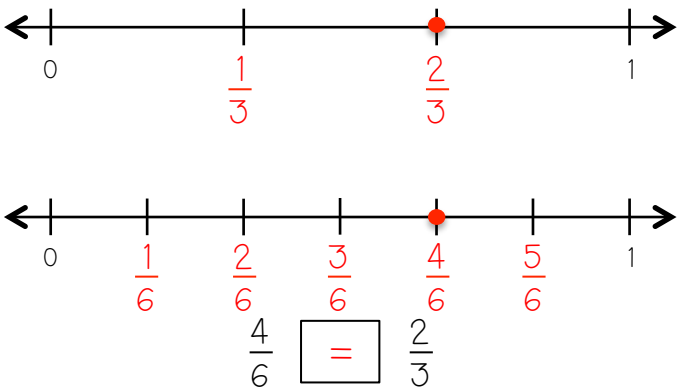
1 = 10 ÷ 10

56 ÷ 8 = 7

Write at least 5 equations that equal the number 20.

Answers will vary.

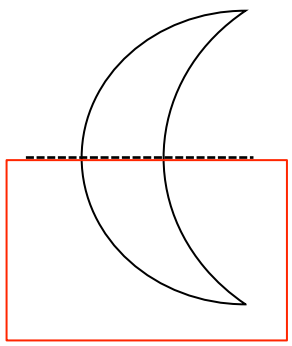
Label both the number lines. Then, use the number lines to help you fill in the appropriate symbol (<, =, >) below.



Michael went to the skating rink. He was there for 3 hours and 15 minutes. He left the skating rink at 7:45 PM. What time did Michael arrive at the skating rink?

4:30

Complete the drawing below, making it symmetrical.



CHALLENGE

Write at least 5 equations that equal the number 300.

Answers will vary.

Daily Math Practice

Fill in the blanks.

18 ÷ 3 = 6

36 ÷ 9 = 4

8 = 64 ÷ 8

15 ÷ 3 = 5

42 ÷ 6 = 7

72 ÷ 8 = 9

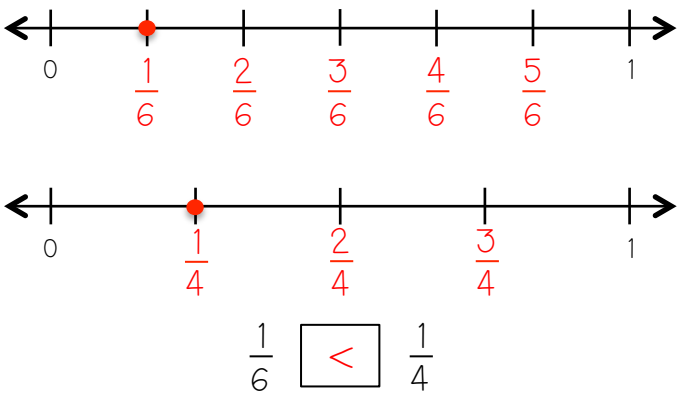
1 = 12 ÷ 12

14 ÷ 2 = 7

Write at least 5 equations that equal the number 15.

Answers will vary.

Label both the number lines. Then, use the number lines to help you fill in the appropriate symbol (<, =, >) below.



$\frac{1}{6}$ < $\frac{1}{4}$

Claudia fell asleep at 9:03 PM. She woke up the next morning at 6:30. How long was she sleeping?

9 hours and 27 minutes

Create a symmetrical drawing below. Draw the line of symmetry.

Answers will vary.

CHALLENGE

Fill in the missing numbers in the multiplication problems below.

22 x 15 = 330

17 x 5 = 85

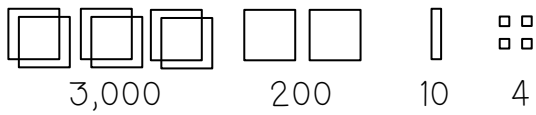
16 x 17 = 272

There were 6 parrots. Each parrot laid an equal amount of eggs, with a total of 18 eggs. How many eggs did each parrot lay?

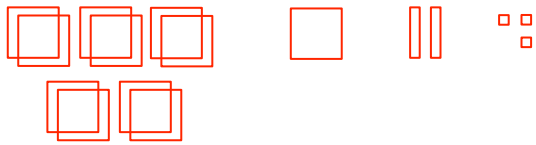
3 eggs

Draw place value blocks to represent the number below. An example is given.

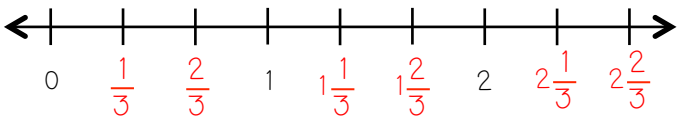
Example 3,214



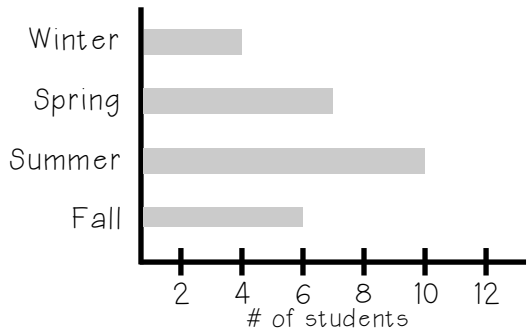
5,123



Label the number line below.



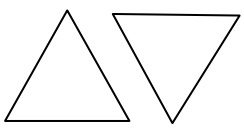
3rd Grade's Favorite Seasons



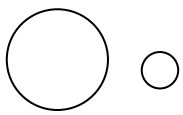
Which two seasons did the third graders like the least?

winter and fall

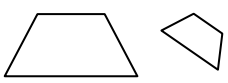
Label the pairs of shapes below as "congruent" or "similar."



congruent



similar

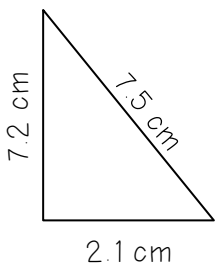


similar

congruent

CHALLENGE

There are 3 triangles congruent to the one below, for a total of 4 triangles. What is the total perimeter of the 4 triangles?



67.2 cm

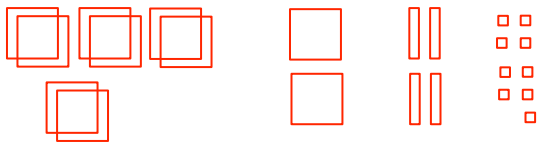
Daily Math Practice

Yulee built 6 snowmen. Each snowman had 8 buttons. How many total buttons were on the snowmen?

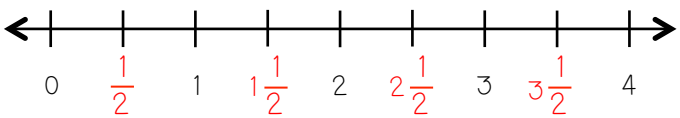
48 buttons

Draw place value blocks to represent the number below.

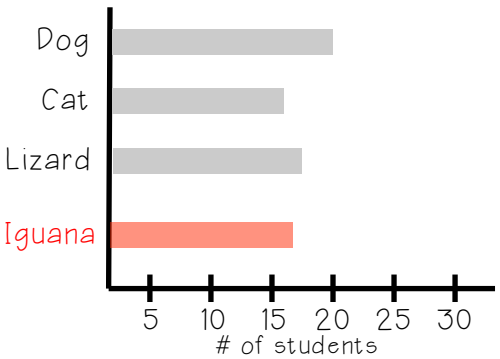
4,249



Label the number line below.

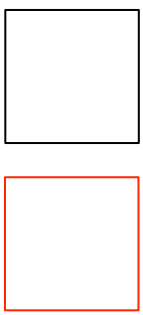


Pets that Third Graders Have



17 of the third graders had an iguana. Add this information to the graph.

Draw a shape that is congruent to the quadrilateral below.



CHALLENGE

Create a graph that compares what color shirts your classmates are wearing.

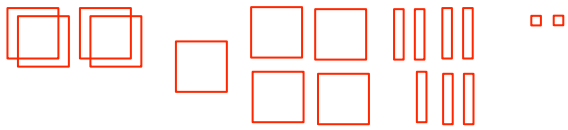
Answers will vary.

There were 9 girls at a birthday party and 27 pieces of cake. If the cake is divided equally, how many pieces of cake can each girl have?

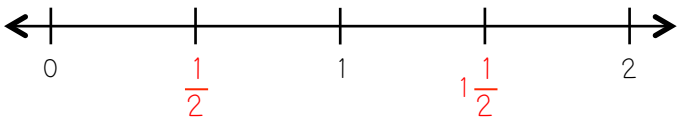
3 pieces of cake

Draw place value blocks to represent the number below.

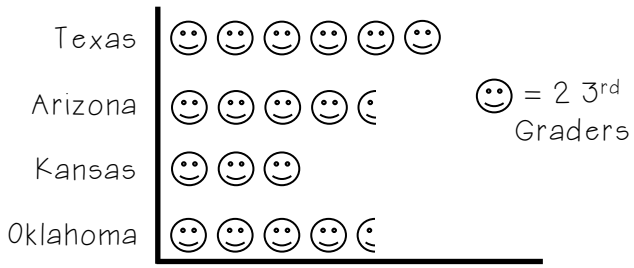
2,572



Label the number lines below.



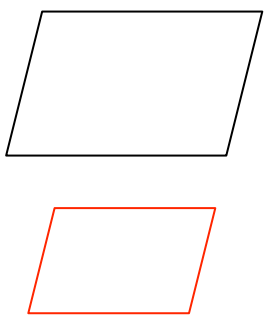
States that 3rd Graders Have Visited



How many 3rd Graders Have Visited Oklahoma?

9 3rd graders

Draw a shape that is similar to the quadrilateral below.



Answers will vary in size.

CHALLENGE

Christina ordered 3 pizzas. She asked that $1\frac{1}{4}$ of the pizzas be cheese, $1\frac{1}{2}$ of the pizzas be sausage, and the rest be pepperoni. What fraction of the pizzas should be pepperoni?

$\frac{1}{4}$

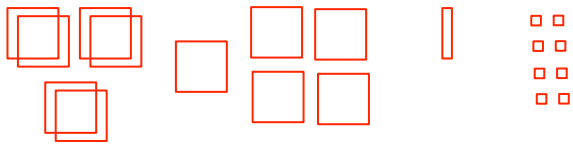
Daily Math Practice

Dogs have 4 legs, while birds have 2 legs. A pet store had 6 dogs and 7 birds. How many dog or bird legs were at the pet store?

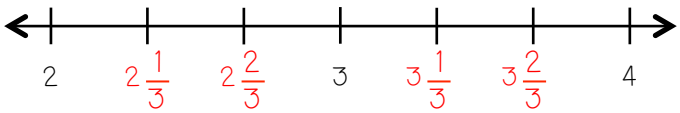
38 legs

Draw place value blocks to represent the number below.

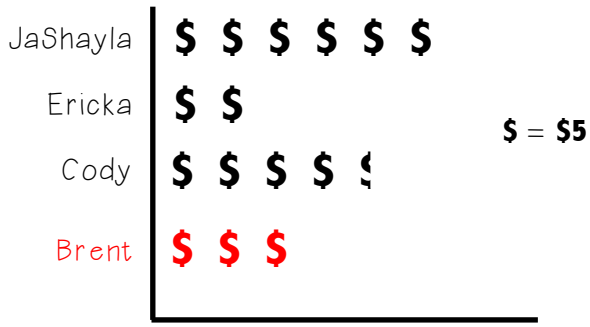
3,518



Label the number line below.

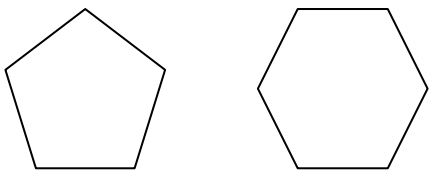


Amount of Money Saved



Brent had $15 saved. Add this to the graph.

Are the shapes below similar? Explain.



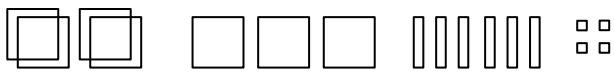
No, the shapes are not similar. Similar shapes must have the same shape.

One of the shapes is a pentagon, while the other is a hexagon.

Answers will vary. A possible answer is given.

CHALLENGE

Create a subtraction problem that equals the value of the place value blocks below.



3,942 - 1,578 = 2,364

Answers will vary. A possible answer is given.

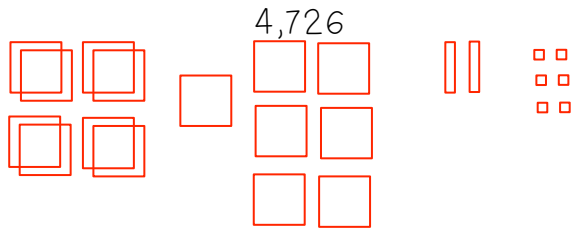
Daily Math Practice

Christina had $32.00. She bought a candy bar and 10 drinks. The drinks each cost $3.00. She has no money left. How much did the candy bar cost?

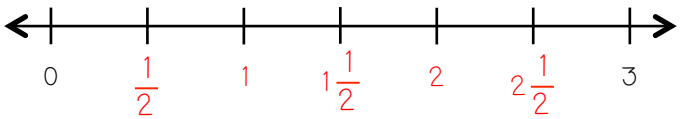
$2.00

Draw place value blocks to represent the number below.

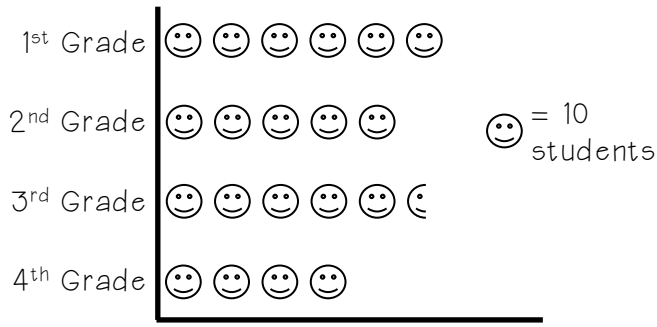
4,726



Label the number line below.



Number of Students at Otis Elementary



How many more students are in 1st grade than 2nd grade?

10 students

How are congruent shapes and similar shapes alike? How are they different?

Both congruent shapes and similar shapes must be the same shape. However, congruent shapes must also be the same size, while similar shapes are not the same size.

Answers will vary. A possible answer is given.

CHALLENGE

Buster had $43.00. His sister Kacie had twice as much as him. Kacie spent $12.00, and Buster spent $4.00 less than Kacie. How much money do the two of them have now?

$109.00