

Compare and Contrast: Nonfiction

Most newborn babies have 300 bones. As the baby grows older, some of these bones merge together. An average adult's skeleton is made up of only 206 bones, 20 of which can be found in an adult skull!

How are baby skeletons different from adult skeletons?

1

Compare and Contrast: Nonfiction

	Coral Reef	Tropical Rainforest
Biome Type	Aquatic (water)	Terrestrial (land)
Location	Near the equator	Near the equator
Threats	Pollution, overfishing, hurricanes	Cutting down trees, poaching animals

How are coral reefs and tropical rainforests alike?

2

Compare and Contrast: Nonfiction

Moths	Butterflies
<ul style="list-style-type: none">• active at night• earthy colors• short, feathery antennae• rest with wings open	<ul style="list-style-type: none">• active during the day• bright colors• long, thin antennae• rest with wings closed

How are the antennae on moths and butterflies different?

3

Compare and Contrast: Nonfiction

Camels sometimes look like they are crying. However, these tears are an adaptation to help a camel get rid of dust or sand that often gets stuck in their eyes. Humans have this same adaptation – not everybody who is crying is sad!

How are camels and humans alike?

4

Compare and Contrast: Nonfiction

Timeline of Barack Obama

- 1961 ↑ Born
- 1992 + Married Michelle
- 1999 + Daughter Malia born
- 2001 + Daughter Sasha born
- 2008 + Elected President
- 2009 + Awarded Nobel Peace Prize
- 2012 ↓ Reelected President-2nd term

How was 1999 similar to 2001 for President Obama?

5

Compare and Contrast: Nonfiction

Hedgehogs and three-banded armadillos look very different. Hedgehogs have spiky spines that cover their body. Armadillos have a smoother, armored shell. However, both animals roll up into a ball to hide if they sense any danger.

How are hedgehogs and three banded-armadillos alike?

6

Compare and Contrast: Nonfiction

Crocodiles

Alligators

- | | |
|--|---|
| <ul style="list-style-type: none">• Live in saltwater or freshwater• Lay eggs• Narrow snout• More aggressive towards humans | <ul style="list-style-type: none">• Live in freshwater• Lay eggs• Wide, U-shaped snout• Less aggressive towards humans |
|--|---|

How are crocodiles and alligators alike?

7

Compare and Contrast: Nonfiction

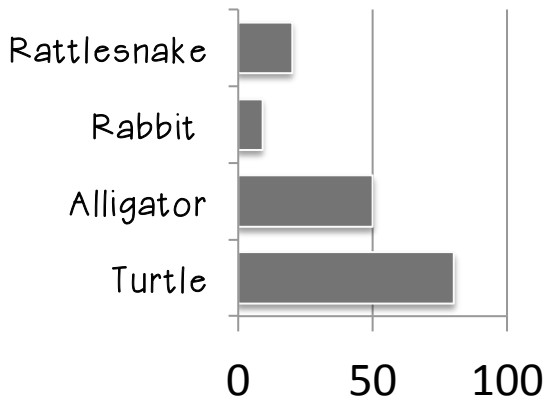
Some animals, like the aardvark, are nocturnal. Aardvarks sleep during the day, and wake up at night. Other animals, like elephants, are diurnal. Diurnal animals are active during the day.

How are nocturnal animals and diurnal animals different?

8

Compare and Contrast: Nonfiction

Approximate Lifespan in Years



How are rattlesnakes and turtles different?

9

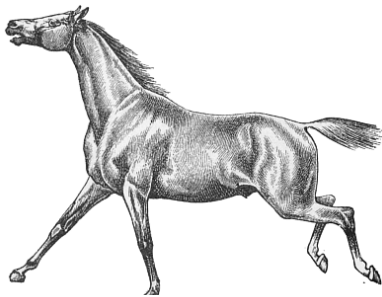
Compare and Contrast: Nonfiction

When beginning a painting, artists must choose between using acrylic paints and oil paints. Oil paint takes much longer to dry – painters will wait weeks for this paint to dry! Acrylic paint, on the other hand, can dry in as little as an hour.

What paint should artists use if they are in a hurry? Why?

10

Compare and Contrast: Nonfiction



How are these two animals alike?

11

Compare and Contrast: Nonfiction

Two popular pizza types are the Chicago style pizza and the New York style pizza. The Chicago style pizza is a deep dish pizza that can hold many toppings. The New York style pizza has a thin crust that is made to be folded in half. It can only hold a few toppings.

How is the Chicago style pizza different from the New York style pizza?

12

Compare and Contrast: Nonfiction

	Antarctica	Arctic
Temp. (°F)	Average winter temp: -76 °F	Average winter temp: -40 °F
Location	Near South Pole	Near North Pole
Animals	Penguins, whales, porpoises, seals	Polar bears, wolves, whales, seals, porpoises

How are Antarctica and the Arctic alike?

13

Compare and Contrast: Nonfiction

A tropical cyclone is a big, rotating storm that forms over warm water. In North America and the Caribbean, these storms are referred to as hurricanes. In the western Pacific Ocean, near China and other parts of East Asia, this same storm is called a typhoon.

How are tropical cyclones in North America different from tropical cyclones in China?

14

Compare and Contrast: Nonfiction

Amphibians	Reptiles
<ul style="list-style-type: none">• Smooth, moist skin• Cold-blooded• Live in water and on land• Use gills to breath when young	<ul style="list-style-type: none">• Dry, scaly skin• Cold-blooded• Live on land• Always use lungs to breath

How are reptiles and amphibians alike?

15

Compare and Contrast: Nonfiction

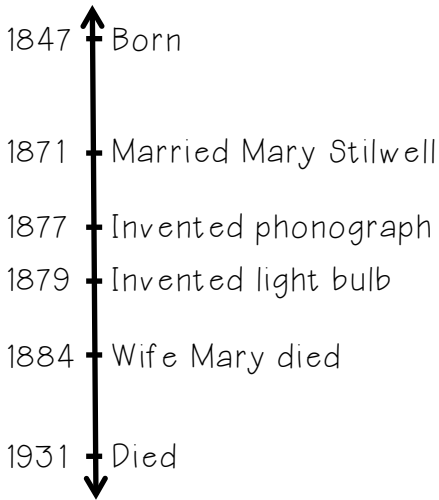
Along with the planets, comets and asteroids also orbit our Sun. However, comets and asteroids are made up of very different materials. Comets are made up of mostly ice and some rock, while asteroids are big chunks of rock.

How are comets and asteroids similar?

16

Compare and Contrast: Nonfiction

Timeline of Thomas Edison



How was 1877 similar to 1879 for Thomas Edison?

17

Compare and Contrast: Nonfiction

The United States government is divided into local, state, and federal levels. The mayor is the head of the local government. The governor is the head at the state level, while the President is the head at the federal level.

How are mayors and governors different?

18

Compare and Contrast: Nonfiction

Oranges	Tangerines
<ul style="list-style-type: none">• bigger• orange• peel more difficult to remove• citrus fruit• grow on trees	<ul style="list-style-type: none">• smaller• orange• peel easier to remove• citrus fruit• grow on trees

How are oranges and tangerines different?

19

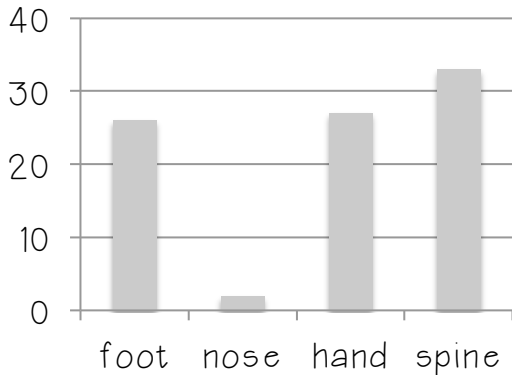
Compare and Contrast: Nonfiction

Peninsulas and islands are very similar in many ways. Both peninsulas and islands are mainly surrounded by water. However, an island is a body of land that is completely surrounded by water, while peninsulas are surrounded by water on three sides and connected to land on the fourth side.

How are peninsulas and islands different?

20

Compare and Contrast: Nonfiction
Number of Bones in
Different Parts of the
Human Body



According to the graph, which two parts of the body are most alike? Why?

21

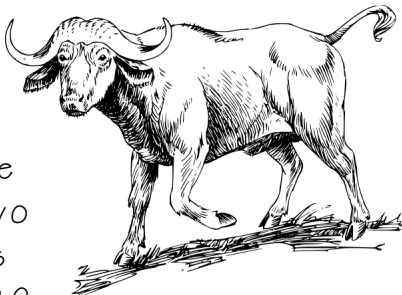
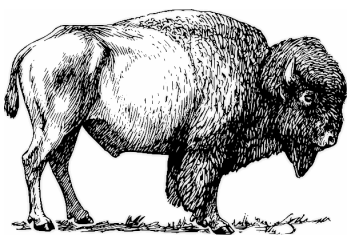
Compare and Contrast: Nonfiction

Clouds are given certain names based on their shape and how high they are in the sky. Cumulus and stratus clouds are both fairly close to the ground. However, cumulus clouds are puffy and usually mean good weather. Stratus clouds are flat and may produce rain.

How are cumulus clouds and stratus clouds alike?

22

Compare and Contrast: Nonfiction



How are these two animals different?

23

Compare and Contrast: Nonfiction

Rectangles and parallelograms are both quadrilaterals (4-sided). Also, they both have 2 sets of parallel sides. However, rectangles MUST have 4 right angles, and parallelograms do not have to have right angles.

How are parallelograms and rectangles different?

24

Compare and Contrast: Nonfiction

ANSWER SHEET

Use evidence from the task cards to answer the questions!

1	
2	
3	
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Compare and Contrast: Nonfiction

ANSWER SHEET

Use evidence from the task cards to answer the questions!

13	
14	
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19	
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21	
22	
23	
24	

Compare and Contrast: Nonfiction

ANSWER SHEET

ANSWER

KEY

Use evidence from the task cards to answer the questions!

1	Baby skeletons have 300 bones, while adult skeletons only have 206 bones.
2	Both coral reefs and tropical rainforests are found near the Equator.
3	Moths have short, feathery antennae while butterflies have long, thin antennae.
4	Camels and humans both tear up to get dust out of their eyes.
5	President Obama had a daughter in both 1999 and 2001.
6	Hedgehogs and armadillos both roll up into balls to hide if they sense danger.
7	<u>2 Possible Answers:</u> 1. Both alligators and crocodiles can live in freshwater. 2. Both alligators and crocodiles lay eggs.
8	Diurnal animals are active during the day, while nocturnal animals are active at night.
9	Turtles live much longer than rattlesnakes.
10	Artists should use acrylic paint if they are in a hurry, because it dries much more quickly than oil paint.
11	<u>ANSWERS WILL VARY – POSSIBLE ANSWER:</u> Both animals have a tail.
12	The Chicago style pizza is thicker and can hold more toppings than the thin New York style pizza.

Compare and Contrast: Nonfiction

ANSWER SHEET

ANSWER

KEY

Use evidence from the task cards to answer the questions!

13	<u>2 Possible Answers:</u> 1. Whales, porpoises, and seals live in Antarctica and the Arctic. 2. They both have temperatures in the negatives.
14	In North America, tropical cyclones are called hurricanes. In China, these same storms are called typhoons.
15	<u>2 Possible Answers:</u> 1. Reptiles and amphibians are both cold-blooded. 2. Reptiles and amphibians can both live on land.
16	<u>2 Possible Answers:</u> 1. Comets and asteroids both orbit the sun. 2. Comets and asteroids both have rock in them.
17	Thomas Edison invented something in both 1877 and 1879.
18	A mayor is the head of the local government while the governor is the head of the state government.
19	<u>2 Possible Answers:</u> 1. Oranges are bigger than tangerines. 2. Oranges are more difficult to peel than tangerines.
20	Islands are completely surrounded by water, while peninsulas are surrounded by water on just 3 sides.
21	The foot and the hand are most alike because they have a similar number of bones in them.
22	Cumulus and stratus clouds are both close to the ground.
23	<u>ANSWERS WILL VARY – POSSIBLE ANSWER:</u> The first animal has shorter horns than the other.
24	Rectangles must have 4 right angles while parallelograms do not have to have right angles.

Compare and Contrast: Nonfiction

Task Cards GRADING RUBRIC

Student Name: _____

3 points

2 points

1 point

<u>Completeness</u>	All of the required task cards were completed.	Most of the required task cards were completed.	Few of the required task cards were completed.
<u>Accuracy and Evidence</u>	All of the information the student provided was accurate. The student used evidence from the text to defend their answers.	Most of the information the student provided was accurate. The student sometimes used evidence from the text to defend their answers.	The student's answers are inaccurate and there is little evidence from the text.
<u>Conventions</u>	There are very few errors in spelling, capitalization, punctuation, and grammar. The student used complete sentences.	There are several errors in spelling, capitalization, punctuation, or grammar. The student sometimes used complete sentences.	There are many errors in spelling, capitalization, punctuation, and grammar. Because of these errors, the answers are very difficult to read. The student used incomplete sentences.

Total Points out of 9: