



Kids Learn!

Getting Ready for

4th Grade

Assessments

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Teacher Created Materials

5301 Oceanus Drive
Huntington Beach, CA 92649-1030
<http://www.tcmpub.com>

ISBN 978-1-4938-0267-8

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Pretest

Directions: Read the passage. Then, answer questions 1–5.

Elephants

Elephants are some of the most magnificent animals on Earth. Even if you have never seen one in real life, you know that they are huge, heavy creatures with big ears, long trunks, and round feet. But did you know that there are two distinct types of elephants? They are the African elephant and the Asian elephant.

Although African and Asian elephants are similar, there are some differences. African elephants have very large ears compared to their Asian counterparts. The trunks of African elephants have two “lips” at the end. The Asian elephants have just one longer lip. One more difference is the shape of their backs. African elephants have a “dip” in their backs. The backs of Asian elephants are flatter. When you think of elephants, do you picture the African or Asian variety?

1. Which sentence **best** summarizes the first paragraph?

- (A) Elephants are some of the most magnificent animals on Earth. (C) African and Asian elephants have different-size ears.
- (B) There are two kinds of elephants. (D) Elephants are huge creatures.

2. Which best explains why the author uses the example below in the passage?

African elephants have a “dip” in their backs. The backs of Asian elephants are flatter.

- (A) African and Asian elephants are very similar. (C) You can see the difference between Asian and African elephants.
- (B) All elephants have large backs. (D) Asian and African elephants have different ear “lips.”

3. Explain how the author supports this statement, using at least two details from the passage.

Although African and Asian elephants are similar, there are some differences.

Pretest (cont.)

4. Draw lines to match the words used in the passage with those similar in meaning.

magnificent
 huge
 distinct
 variety

large
 type
 marvelous
 different

5. Why does the author use quotations in the passage? Circle *Yes* for all that apply.

Although African and Asian elephants are similar, there are some differences. African elephants have very large ears compared to their Asian counterparts. The trunks of African elephants have two “lips” at the end. The Asian elephants have just one longer lip. One more difference is the shape of their backs. African elephants have a “dip” in their back. The backs of Asian elephants are flatter. So when you think of elephants do you picture the African or Asian variety?

- | | | |
|--|-----|----|
| 5a. To set off the title of a poem | Yes | No |
| 5b. To emphasize words | Yes | No |
| 5c. To show someone is speaking | Yes | No |
| 5d. To give importance to specialized terms | Yes | No |
| 5e. To cite a source | Yes | No |
| 5f. To quote another text | Yes | No |

Name: _____ Date: _____

Pretest (cont.)

Directions: Read the article. Then, answer questions 6 and 7.

Glacier Watch

A glacier is a large body of ice. Glaciers originate on land where it is cold. Snow and sleet that fall on land do not all melt away. The ice accumulates, and it also moves across the land. While it moves, it transports rock and soil with it. Glaciers are made of fresh water, not seawater. Many people enjoy going to Alaska on cruise ships to see glaciers.

6. In this article, the word *originate* means _____.

(A) move

(C) begin

(B) grow

(D) melt

7. Circle the two nouns in each sentence.

7a. Glaciers originate on land where it is cold.

7b. Snow and sleet that fall on land do not all melt away.

7c. The ice accumulates, and it also moves across the land.

7d. While it moves, it transports rock and soil with it.

8. Use the articles A or An to complete the sentences.

8a. _____ alligator swam in the swamp.

8b. _____ piece of pizza sounds good.

8c. _____ bluebird was chirping loudly.

8d. _____ apple a day keeps the doctor away.

8e. _____ ant has six legs.

9. Read the paragraph. Underline two sentences that do not have correct punctuation.

A natural preserve is an area of land. It is set aside for wildlife? People cannot build or develop there. No hunting fishing poaching or campfires are allowed there. Preserves are safe places for wildlife to live. They help species that are dying out. They protect endangered species.

Name: _____ Date: _____

Pretest (cont.)

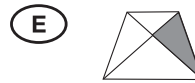
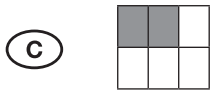
10. Circle the correct homophone to use in each sentence.

10a. The sky was _____ with only a few clouds. blue blew

10b. He got a _____ bike for his birthday. knew new

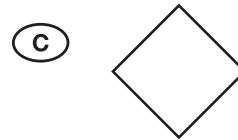
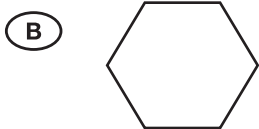
Directions: Solve each problem.

11. Which of these figures is $\frac{1}{3}$ shaded? Mark all that apply.



12. Five friends bring balls to the park to play. Each child brings the same number of balls. There are 20 balls. Draw the number of balls that each child brings.

13a. Choose all the shapes that are polygons.



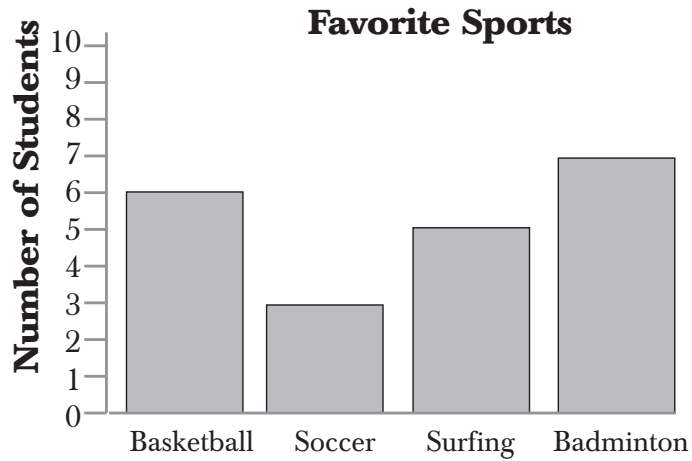
13b. Which attributes make the shapes you marked above polygons?

Name: _____

Date: _____

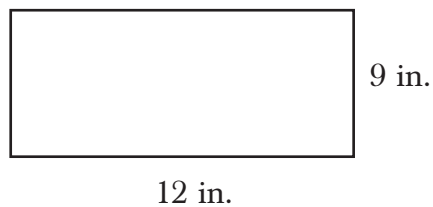
Pretest (cont.)

14. Use the bar graph to answer the question.



How many more students chose basketball than soccer? _____

15. A cake is 12 inches long and 9 inches wide. What is the perimeter of the cake?



(A) 21 inches

(C) 42 inches

(B) 29 inches

(D) 108 inches

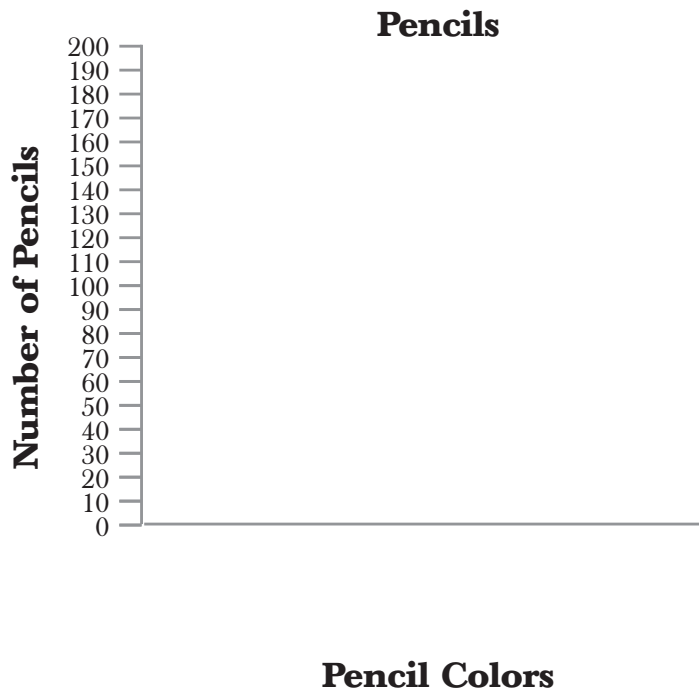
Name: _____ Date: _____

Pretest (cont.)

16. $685 + 142 =$ _____

-
17. Lina has 5 stacks of quarters. Abby has 6 stacks of quarters. Each stack of quarters is worth \$10. How much more money, in dollars, does Abby have than Lina?

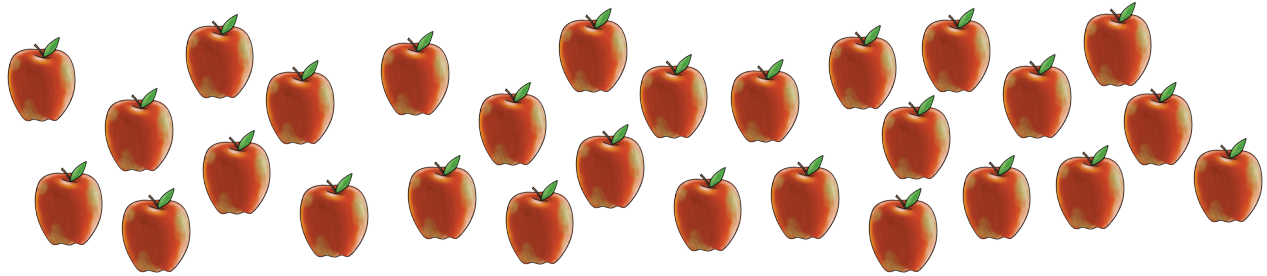
-
18. Nimba has 20 packs of pencils. Each pack contains 10 pencils. In each pack, 3 pencils are yellow and the rest are blue. Create a bar graph to show how many of each color pencil Nimba has.



Name: _____ Date: _____

Pretest (cont.)

19. Henry has 28 apples. He needs to divide them equally into 7 bags.



How many apples will be in each bag? _____

20. A softcover book has a mass of 230 grams. A hardcover book has a mass 500 grams more than the softcover book. What is the mass of the hardcover book?

(A) 270 grams

(C) 850 grams

(B) 780 grams

(D) 730 grams

Posttest

Directions: Read the passage. Then, answer questions 1–5.

If you don't have a thermometer handy to tell the temperature on a warm day, you can ask a cricket. Well, you can't exactly ask the cricket, but you can count its chirps. This may not sound scientific, but over 150 years ago, the counting-chirps method was studied by a scientist and is now known as Dolbear's Law. If you don't believe it, test Dolbear's Law yourself. It's a simple experiment. Just count the number of cricket chirps in 15 seconds, and then add 40. Compare that number to the temperature on a thermometer. The cricket has now "told you" the temperature by chirping. By the way, crickets chirp in Fahrenheit, not Centigrade!

1. Which sentence best summarizes the passage?

- (A) This may not sound scientific, but over 150 years ago, the counting-chirps method was studied by a scientist and is now known as Dolbear's Law.
- (B) It's a simple experiment.
- (C) If you don't have a thermometer handy to tell the temperature on a warm day, you can ask a cricket.
- (D) By the way, crickets chirp in Fahrenheit, not Centigrade!

2. Which best explains why the author uses the sentence below in the passage?

Just count the number of cricket chirps in 15 seconds, and then add 40.

- (A) Crickets chirp quickly.
- (B) It is the first step in the experiment.
- (C) Crickets chirp in Fahrenheit.
- (D) Forty is a round number and easy to add.

3. Explain how the author supports this statement using at least two details from the passage.

If you don't have a thermometer handy to tell the temperature on a warm day, you can ask a cricket.

Posttest (cont.)

4. Draw lines to match the words used in the passage with those similar in meaning.

test
simple
handy
sound

seem
try
easy
convenient

5. Why does the author use quotations in the passage? Circle *Yes* for all that apply.

Amelia Earhart showed the world that women can do brave and strong things. She was the first to fly a plane to an altitude of 14,000 feet. Then, she was the first woman to fly “solo” across the Atlantic. She disappeared while attempting to fly around the world. She took off from New Guinea and traveled over 20,000 miles before she reported that she was “running north and south” before her radio line went silent. Those were the last words anyone ever heard from her. Her bravery is inspiring to many young women.

- | | | |
|--|-----|----|
| 5a. To set off the title of a poem | Yes | No |
| 5b. To emphasize words | Yes | No |
| 5c. To show someone is speaking | Yes | No |
| 5d. To give importance to specialized terms | Yes | No |
| 5e. To cite a source | Yes | No |
| 5f. To quote another text | Yes | No |

Name: _____ Date: _____

Posttest (cont.)

Directions: Read the article. Then, answer questions 6 and 7.

Mountain climbers have to wear special gear that protects them from the snow and cold. They wear a lot of layers that help them stay warm. This includes gloves, hats, and glasses. They also have to use special tools. An *ice axe* helps to break up the ice and snow. A *regulator* is a tool that provides oxygen to climbers. They need this at the top of the peak where the air is low in oxygen. Climbers also need a radio in case they need to call for help.

6. In this article, the word *regulator* means _____.

(A) warm

(C) climber

(B) special

(D) controller

7. Circle the three nouns in each sentence.

7a. This includes gloves, hats, and glasses.

7b. An ice axe helps to break up the ice and snow.

7c. Climbers also need a radio in case they need to call for help.

8. Use the articles *a* and *an* to complete the sentences.

8a. My mother is _____ doctor.

8b. She needed _____ Spanish dictionary.

8c. She grabbed _____ old bag.

8d. Have you seen _____ ant up close?

8e. He wants to see _____ movie tomorrow.

9. Read the paragraph, and then underline two sentences that do not have correct punctuation.

Man's first exploration into space began in 1957. A satellite was sent into space? It orbited Earth. It stayed there for three months. Scientists then wanted to have humans go up in space. First, a few animals were sent up to see what would happen. They sent dogs monkeys mice and rats. Scientists were able to observe the effects of space on living things.

Name: _____ Date: _____

Posttest (cont.)

10. Circle the correct homophone to use in each sentence.

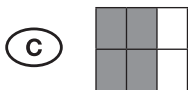
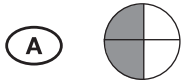
10a. _____ are you going?

Wear Where

10b. He wanted to _____ an astronaut.

be bee

11. Which of these figures is $\frac{2}{3}$ shaded? Mark all that apply.

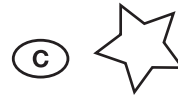


12. There are 12 slices of pizza. Each of four friends has the same number of pieces. Draw the number of pieces that each person has.

How many pieces does each person have? _____

Posttest (cont.)




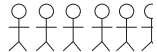
13a. Choose all the shapes that are quadrilaterals.




13b. Which attributes make the shapes you marked above quadrilaterals?

14. Use the pictograph to answer the question.

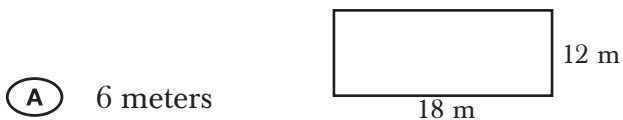
Ways We Got to School Today

Transportation	Number of Students
Walk	
Bus	
Skateboard	
Car	

 = 2 students

How many fewer students skateboarded to school than rode the bus? _____

15. A yard is 18 meters long and 12 meters wide. What is the perimeter of the yard?



(B) 60 meters

(C) 30 meters

(D) 72 meters

16. $534 + 226 =$ _____

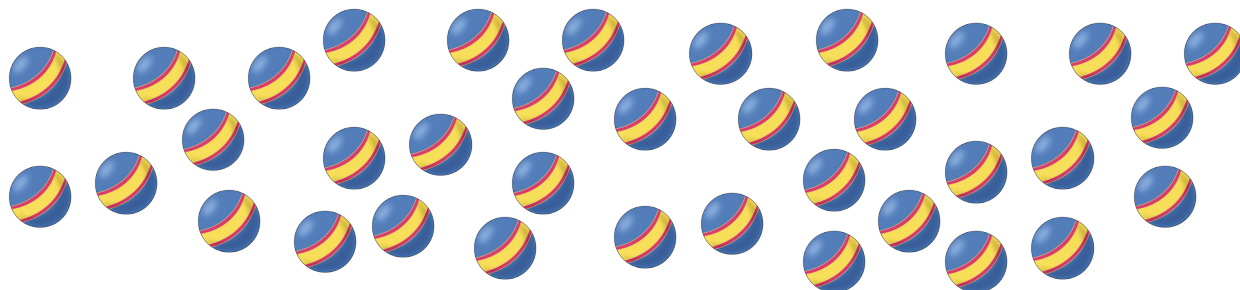
Posttest (cont.)

17. Celeste has 2 piles of dimes. Cami has 7 piles of dimes. Each pile of dimes is worth \$10. How much more money, in dollars, does Cami have than Celeste?

18. Cornell has 13 sheets of stickers. Each sheet contains 10 stickers. On each sheet, 5 stickers are pink and the rest are purple. Create a bar graph to show the number of stickers Cornell has in each color.



19. Walton has 36 balls. He needs to divide them equally into 9 bags.



How many balls will be in each bag? _____

Name: _____ Date: _____

Posttest (cont.)

20. After some children played in a kiddie pool, there were 12 liters of water left. When it was originally filled, there were 31 liters of water in the pool. How many liters of water splashed out of the pool?

A 43 liters

C 19 liters

B 29 liters

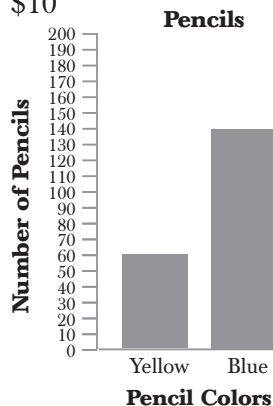
D 14 liters

Answer Key

Pretest

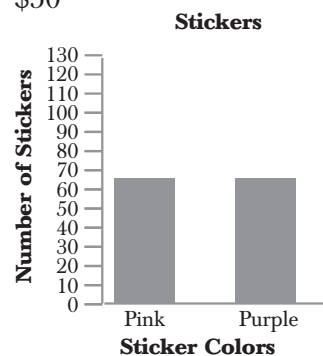
Posttest

1. B
2. C
3. Answers will vary. Possible answer: African elephants have very large ears compared to their Asian counterparts. One more difference is the shape of their backs.
4. magnificent: marvelous
huge: large
distinct: different
variety: type
- 5a. No
- 5b. Yes
- 5c. No
- 5d. Yes
- 5e. No
- 5f. No
6. C
- 7a. Glaciers; land
- 7b. snow; sleet
- 7c. ice; land
- 7d. rock; soil
- 8a. An
- 8b. A
- 8c. A
- 8d. An
- 8e. An
9. The second and fourth sentences should be underlined.
- 10a. blue
- 10b. new
11. B, C, and D
12. There should be four balls drawn.
- 13a. B and C
- 13b. Answers will vary. Possible answers include: A polygon is a flat enclosed shape. A polygon has 3 or more straight sides.
14. 3 students
15. C
16. 827
17. \$10
- 18.



19. There should be four apples in each bag.
20. D

1. C
2. B
3. Answers will vary. Possible answer: This may not sound scientific, but over 150 years ago, the counting chirps method was studied by a scientist and is now known as Dolbear's Law. Just count the number of cricket chirps in 15 seconds and then add 40.
4. test: try
simple: easy
handy: convenient
sound: seem
- 5a. No
- 5b. Yes
- 5c. Yes
- 5d. Yes
- 5e. No
- 5f. No
6. D
- 7a. gloves; hats; glasses
- 7b. ice axe; ice; snow
- 7c. Climbers; radio; help
- 8a. a
- 8b. a
- 8c. an
- 8d. an
- 8e. a
9. The second and seventh sentences should be underlined.
- 10a. Where
- 10b. be
11. C
12. Drawings will vary; 3 pieces of pizza
- 13a. A and B
- 13b. Answers will vary. Possible answers include: A quadrilateral is a polygon with 4 sides. The interior angles may or may not be equal. The interior angles always add up to 360 degrees.
14. 7 students
15. B
16. 760
17. \$50
- 18.



19. There should be four balls in each bag.
20. C