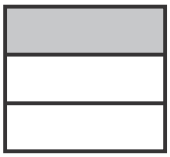
Name _____ Date _____

Benchmark Test 4 *(Chapters 1–14)*

Read each question. Fill in the correct answer.

1. Mia cut a piece of felt into 3 equal sections. She used 1 section for an art project. What fraction of the felt did Mia use for the art project?



Ⓐ $\frac{1}{3}$

Ⓑ $\frac{1}{2}$

Ⓒ $\frac{2}{3}$

Ⓓ $\frac{3}{3}$

2. Rami, Dee, and Chloe are playing a word game. After the first round, Rami has 9 points, Dee has 7 points, of and Chloe has 8 points. At the end the game, the highest score is 60 times Dee's first score. What was the highest score?

Ⓕ 280 points

Ⓖ 420 points

Ⓗ 480 points

Ⓘ 540 points

3. Ned records the miles he walks each month.

12, 18, 24, 30, 36

If the pattern continues, how many miles will he walk after 6 months?

Ⓐ 40 miles

Ⓑ 42 miles

Ⓒ 48 miles

Ⓓ 50 miles

4. What is the value of the expression if $n = 12$?

$30 - n \div 3$

Ⓕ 45

Ⓖ 36

Ⓗ 26

Ⓘ 6

5. What is the place of the digit 5 in the number 9,451?

Ⓐ thousands

Ⓑ hundreds

Ⓒ tens

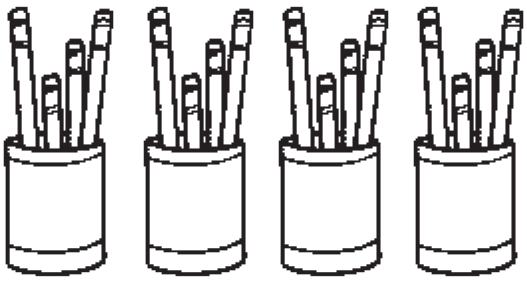
Ⓓ ones

GO ON ►

Name _____ Date _____

Benchmark Test 4 *(continued)*

6. A teacher has 4 cups. She put 4 pencils in each cup.



How many pencils are there in all?

Ⓕ 5 pencils
Ⓖ 10 pencils
Ⓗ 15 pencils
Ⓘ 16 pencils

7. A newspaper is having a drawing contest. It received 824 mouse cartoons and 495 cat cartoons. How many more mouse cartoons than cat cartoons did the newspaper receive?

Ⓐ 329 mouse cartoons
Ⓑ 339 mouse cartoons
Ⓒ 429 mouse cartoons
Ⓓ 439 mouse cartoons

8. Tori wants to check the division problem below.

$14 \div 7 = 2$

Which number sentence below can she use?

Ⓕ $14 - 7 = 7$
Ⓖ $2 \times 7 = 14$
Ⓗ $14 \div 2 = 7$
Ⓘ $7 + 7 = 14$

9. Kalil shared popcorn treats equally between herself and 6 friends. Which expression shows how Kalil shared the treats? The variable p stands for the unknown.

Ⓐ $p \times 7$
Ⓑ $p + 7$
Ⓒ $p \div 7$
Ⓓ $p - 7$

10. Tameka bought two cat toys. They cost $9 and $12. What was the total cost of the cat toys?

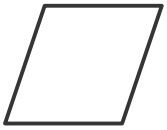
Ⓕ $21
Ⓖ $20
Ⓗ $11
Ⓘ $3

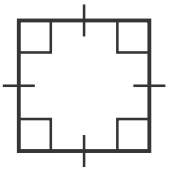
Name _____ Date _____

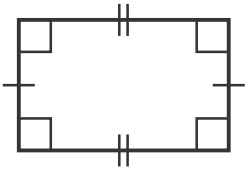
Benchmark Test 4 *(continued)*

11. Which quadrilateral is a square?

Ⓐ 

Ⓑ 

Ⓒ 

Ⓓ 

12. Tara makes storybooks. She uses 4 ribbons to tie the pages of a book together.

Number of Storybooks	Number of Ribbons
1	4
2	8
3	12
4	16
8	

How many ribbons does Tara use for 8 storybooks?

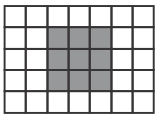
Ⓕ 20 ribbons
Ⓖ 24 ribbons
Ⓗ 28 ribbons
Ⓘ 32 ribbons

13. Juan used 63 yellow and green beads to make 9 belts. He used the same number of beads on each belt. He used 27 yellow beads in all. How many green beads did he use on each belt?

Solve $(63 - 27) \div 9 = g$.

Ⓐ 3 green beads
Ⓑ 4 green beads
Ⓒ 10 green beads
Ⓓ 60 green beads

14. Find the area of the shaded figure.



Ⓕ 3 square units
Ⓖ 6 square units
Ⓗ 9 square units
Ⓘ 12 square units

15. A sports store sold 329 pup tents. It sold 514 family tents. How many tents did the store sell in all?

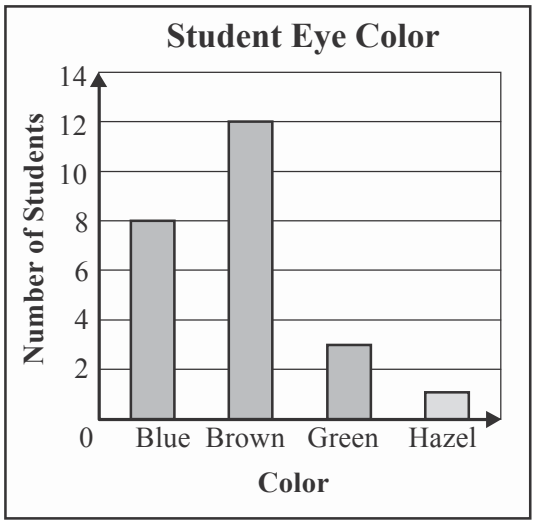
Ⓐ 185 tents
Ⓑ 295 tents
Ⓒ 733 tents
Ⓓ 843 tents

GO ON ►

Name _____ Date _____

Benchmark Test 4 *(continued)*

16. Look at the bar graph. How many more students have brown eyes than blue eyes and green eyes combined?

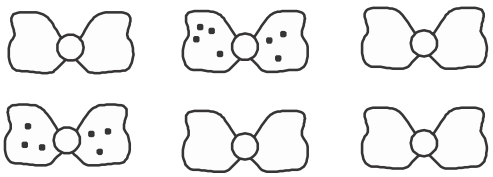


Ⓕ 1 student
Ⓖ 3 students
Ⓗ 9 students
Ⓘ 11 students

17. Ben saved $80 to buy a new helmet. He saved an equal amount of money each week for 10 weeks. How much money did Ben save each week?

Ⓐ $8
Ⓑ $10
Ⓒ $70
Ⓓ $80

18. What fraction of the bows have dots?



Ⓕ $\frac{1}{6}$
Ⓖ $\frac{2}{6}$
Ⓗ $\frac{2}{4}$
Ⓙ $\frac{4}{6}$

19. What time is shown on the clock?

Ⓐ 7:48
Ⓑ 9:38
Ⓒ 9:42
Ⓓ 10:38

Name _____ Date _____

Benchmark Test 4 *(continued)*

20. Irene bought 5 tickets to a water park. She paid $45 in all for the tickets. Which equation can be used to find the cost of one ticket? The letter *t* stands for the unknown.

Ⓕ $5 + t = 45$
Ⓖ $5 \times t = 45$
Ⓗ $t - 5 = 45$
Ⓘ $t \div 5 = 45$

21. Mrs. Paul had 9 softballs. She gave an equal number of softballs to 3 teams.

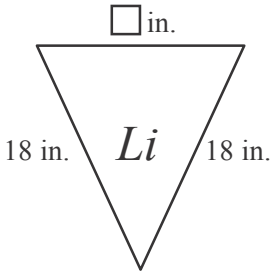
How many softballs does each team have?

Ⓐ 1 softball
Ⓑ 3 softballs
Ⓒ 6 softballs
Ⓓ 9 softballs

22. Eva uses 18 liters of water to water her plants. How many times will she need to fill the pitcher?

Ⓕ 18 times
Ⓖ 16 times
Ⓗ 9 times
Ⓘ 8 times

23. Li made a triangular sign with his name. The perimeter is 50 inches. What is the length of the unknown side?



Ⓐ 14 inches
Ⓑ 18 inches
Ⓒ 36 inches
Ⓓ 86 inches

GO ON ►

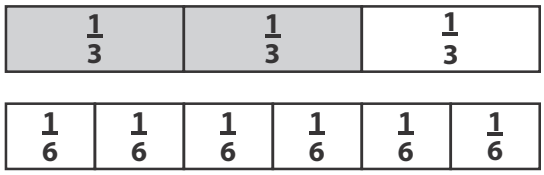
Name _____ Date _____

Benchmark Test 4 *(continued)*

24. Pria has $125 to spend on a summer trip. She wants to buy a camera for $89 and a bathing suit for $38. Which **best** shows whether Pria has enough money for a camera and a bathing suit?

Ⓕ Estimate: $100 + $100 = $200
Ⓖ Estimate: $50 + $50 = $100
Ⓗ Exact: $89 + $38 = $117
Ⓘ Exact: $89 + $38 = $127

25. Which fraction is equivalent to $\frac{2}{3}$?



Ⓐ $\frac{2}{6}$
Ⓑ $\frac{3}{6}$
Ⓒ $\frac{4}{6}$
Ⓓ $\frac{5}{6}$

26. Dustin sewed 24 badges on 4 shirts. Each shirt has the same number of badges. How many badges did Dustin sew on each shirt?

Ⓕ 6 badges
Ⓖ 8 badges
Ⓗ 20 badges
Ⓘ 28 badges

27. Sydney played at the park for 1 hour 30 minutes. It took 15 minutes to walk home. The clock shows the time Sydney arrived at home.

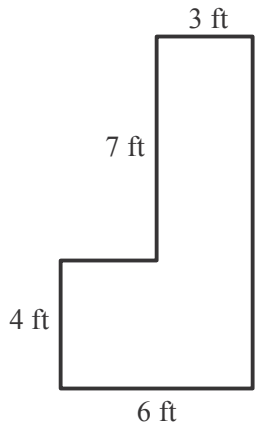
At what time did Sydney start playing at the park?

Ⓐ 12:05
Ⓑ 1:05
Ⓒ 1:15
Ⓓ 1:20

Name _____ Date _____

Benchmark Test 4 *(continued)*

28. Oakwood Elementary has a new sidewalk.



What is the area of the sidewalk?

Ⓕ 20 square feet
Ⓖ 31 square feet
Ⓗ 45 square feet
Ⓘ 54 square feet

29. A ball park sold 288 soccer tickets. It sold 452 baseball tickets. About how many more baseball tickets were sold than soccer tickets?

Ⓐ 200 baseball tickets
Ⓑ 300 baseball tickets
Ⓒ 700 baseball tickets
Ⓓ 800 baseball tickets

30. Ari made 5 bird houses. He used 10 pieces of wood for each house. How many total pieces of wood did Ari use?

Ⓕ 50 pieces
Ⓖ 45 pieces
Ⓗ 15 pieces
Ⓘ 5 pieces

31. Jasmine is comparing different fractions to $\frac{3}{4}$. Which comparison is true?

Ⓐ $\frac{3}{4} > \frac{7}{8}$
Ⓑ $\frac{3}{4} < \frac{1}{4}$
Ⓒ $\frac{3}{4} = \frac{3}{8}$
Ⓓ $\frac{3}{4} > \frac{3}{8}$

32. Lennie sent 7 text messages each day for 9 days. How many text messages did Lennie send in all?

Ⓕ 16 text messages
Ⓖ 45 text messages
Ⓗ 54 text messages
Ⓘ 63 text messages

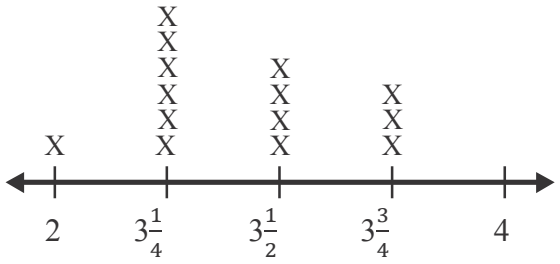
GO ON ►

Name _____ Date _____

Benchmark Test 4 *(continued)*

33. Katy's class measured the length of crayons. The line plot shows the lengths.

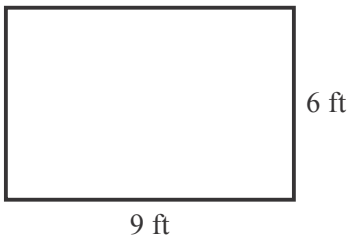
Length of Crayons (inches)



How many crayons are $3\frac{1}{2}$ inches long or less?

(A) 3 crayons
(B) 4 crayons
(C) 7 crayons
(D) 11 crayons

34. Bella bought a rug for her mom. How much floor space will it cover?



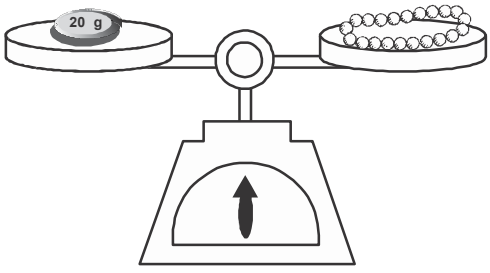
(F) 15 square feet
(G) 30 square feet
(H) 54 square feet
(I) 63 square feet

35. The clock shows the time Ramon started filling in a map of South America.

Ramon finished the map at 11:40. How much time did Ramon spend on the map?

(A) 15 minutes
(B) 1 hour 15 minutes
(C) 1 hour 30 minutes
(D) 1 hour 45 minutes

36. The balance scale shows the beaded necklace has a mass of 20 grams. What is the mass of 4 beaded necklaces?



(F) 800 grams
(G) 80 grams
(H) 60 grams
(I) 8 grams

GO ON ►

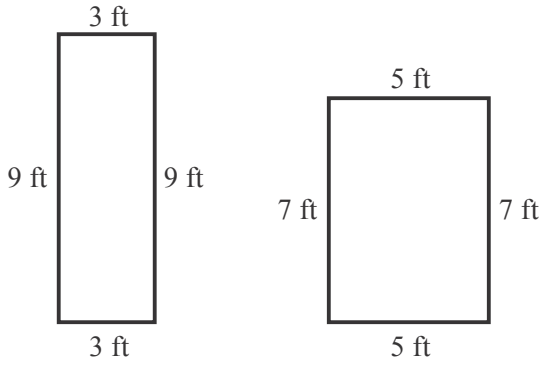
Name _____ Date _____

Benchmark Test 4 *(continued)*

37. Tyrell wants to buy three video games. The games cost $28, $16, and $42. The clerk told him the total cost. Which can Tyrell use to check that the total cost is reasonable?

Ⓐ $20 + $10 + $40 = $70
Ⓑ $30 + $10 + $40 = $80
Ⓒ $30 + $20 + $40 = $90
Ⓓ $30 + $20 + $50 = $100

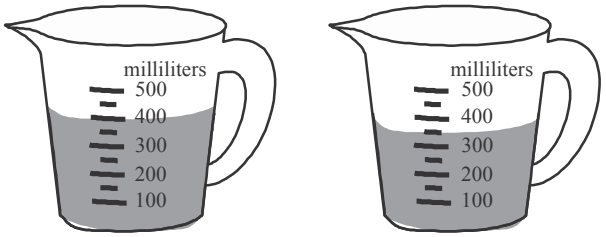
38. Mr. Hall drew two plans for a vegetable garden.



How are the perimeters and areas of the vegetable gardens related?

Ⓕ The perimeters and the areas are the same.
Ⓖ The perimeters and the areas are different.
Ⓗ The areas are the same, and the perimeters are different.
Ⓘ The perimeters are the same, and the areas are different.

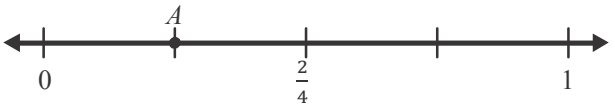
39. Ms. King is mixing orange juice and ginger ale to make punch.



How many milliliters of punch is she making?

Ⓐ 50 milliliters
Ⓑ 150 milliliters
Ⓒ 725 milliliters
Ⓓ 750 milliliters

40. Which fraction does point *A* represent on the number line?



Ⓕ $\frac{1}{4}$
Ⓖ $\frac{2}{4}$
Ⓗ $\frac{3}{4}$
Ⓘ $\frac{4}{4}$