

Grade 4: End of Year Test**1**

Rachael has 5 shelves that can hold 4 trophies each. How many trophies can the shelves hold in all?

- A. 4 trophies
- B. 9 trophies
- C. 15 trophies
- D. 20 trophies

2

There are 7 flowers in each vase. How many flowers would you count in 6 vases?



- A. 48 flowers
- B. 42 flowers
- C. 14 flowers
- D. 8 flowers

3

This is a pattern made by turning a triangle.



Which shows the next three figures?

- A.
- B.
- C.
- D.

4

Cameron's dog weighs 10 pounds more than her cat. Her dog weighs 7 pounds less than Bill's dog. Cameron's cat weighs 8 pounds. How much does Bill's dog weigh?

- A. 18
- B. 20
- C. 22
- D. 25

5

What is the number below written in standard form? $900,000 + 10,000 + 4,000 + 700 + 30$

- A. 9,473
- B. 91,473
- C. 914,730
- D. 9,147,300

6

Order the numbers from least to greatest.

93,640 93,460 92,577

- A. 93,640 93,460 92,577
- B. 92,577 93,460 93,640
- C. 92,577 93,640 93,460
- D. 93,460 93,640 92,577

7

To subtract $143 - 75$ using mental math, Lisa subtracted $143 - 80$ and got 63. What should she do next?

- A. Add 5.
- B. Subtract 8.
- C. Subtract 3.
- D. Add 6.

8

Jackie has 95 baseball cards, 75 basketball cards, and 100 football cards. How many sports cards does she have in all?

- A. 75 cards
- B. 177 cards
- C. 170 cards
- D. 270 cards

9

Which equation shows the number of squares in the array?



- A. $8 \times 10 = 80$
- B. $8 + 10 = 18$
- C. $8 + 100 = 108$
- D. $8 \times 100 = 800$

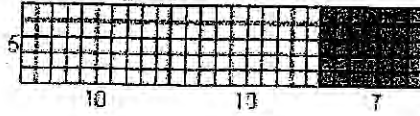
10

A ream of paper has 500 sheets. How many sheets are in 5 reams of paper?

- A. 1,000
- B. 2,500
- C. 5,000
- D. 5,500

11

The array shows 5 rows of 27. The white part has an area of 5×20 , or 100. What is the area of the gray part?



- A. 5
- B. 7
- C. 35
- D. 70

12

There are 168 lessons in each of 7 workbooks in a set. How many lessons are in the set?

- A. 175
- B. 1,008
- C. 1,166
- D. 1,176

13

In a class, 20 students will prepare their science projects. Each student gets to talk for 10 minutes. How much time is needed to present all the science projects?

- A. 600 minutes
- B. 210 minutes
- C. 200 minutes
- D. 30 minutes

14

Estimate by rounding to the nearest ten. 73×37

- A. 2,100
- B. 2,800
- C. 210
- D. 280

15

A school auditorium has 19 rows of seats. Each row has 23 seats. Jason is using the table below to calculate how many seats are in the auditorium. Which number is missing from the table?

| | | |
|----|-----|-----|
| | 10 | 9 |
| 20 | 200 | 180 |
| 3 | 30 | ? |

- A. 12
- B. 27
- C. 39
- D. 437

16

Which number sentence is TRUE?

- A. $50 \times 60 = 300,000$
- B. $50 \times 600 = 300,000$
- C. $50 \times 6,000 = 300,000$
- D. $50 \times 60,000 = 300,000$

17

A frame company has 349 frames. Each carton can hold 5 frames.

Which is the best estimate of the number of cartons needed to ship all the frames?

- A. 70
- B. 55
- C. 7
- D. 6

18

Maria's older sister wants to buy a car that costs \$7,252. She earns \$8 for every hour she works. About how many hours must she work to earn enough money to buy the car?

- A. 600
- B. 700
- C. 800
- D. 900

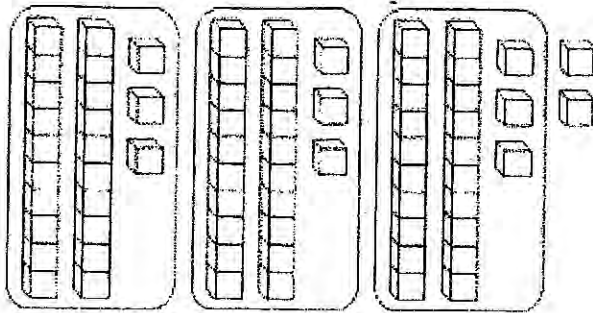
19

Tiffany wants to fill her scrap book with photos. She has 32 photos in all. If Tiffany can fit 4 pictures on a page, how many pages will she fill?

- A. 6
- B. 7
- C. 8
- D. 9

20

Which number sentence does this diagram show?



- A. $69 \div 3 = 23 \text{ R}2$
- B. $71 \div 3 = 23$
- C. $71 \div 3 = 23 \text{ R}2$
- D. $71 \div 3 = 32 \text{ R}3$

21

Which shows all the factors of 12?

- A. 4, 5, 6
- B. 3, 4, 6, 12
- C. 1, 2, 3, 4, 6, 12
- D. 3, 4

22

Which is a multiple of 5?

- A. 16
- B. 40
- C. 29
- D. 32

23

Allen sprinted $\frac{1}{6}$ mile, jogged $\frac{2}{6}$ mile, and then sprinted another $\frac{2}{6}$ mile. What was his total distance?

- A. $\frac{5}{6}$ mile
- B. $\frac{5}{18}$ mile
- C. $1\frac{2}{6}$ miles
- D. $2\frac{1}{18}$ miles

24

Which equation is represented on the number line?



A. $\frac{3}{3} + \frac{11}{11} = \frac{14}{14} = 1$

B. $\frac{3}{15} + \frac{9}{15} = \frac{12}{15} = \frac{4}{5}$

C. $\frac{11}{15} - \frac{3}{15} = \frac{8}{15}$

D. $\frac{15}{15} - \frac{1}{15} = \frac{14}{15}$

25

Which of the following shows $\frac{3}{8}$ as a multiple of a unit fraction?

A. 3×8

B. $3 \times \frac{1}{8}$

C. $\frac{3}{8} + \frac{1}{8}$

D. $\frac{3}{8} \times \frac{1}{8}$

26

Which fraction and decimal does point T represent on the number line?



- A. $\frac{2}{3}$ and 0.6
- B. $\frac{3}{5}$ and 0.6
- C. $\frac{1}{8}$ and 0.8
- D. $\frac{8}{10}$ and 0.8

27

How long is the line segment to the nearest inch?



- A. 3 in.
- B. 4 in.
- C. 5 in.
- D. 6 in.

28

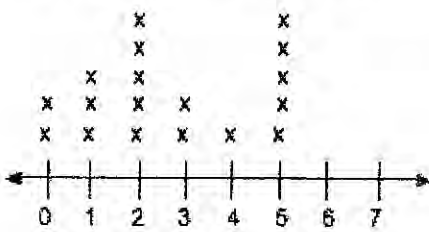
What is the best estimate of how much an apple weighs?

- A. About 1 ounce
- B. About 6 ounces
- C. About 1 pound
- D. About 5 tons

29

Use the line plot below. Which is the fewest number of erasers that students have?

Number of Erasers Each Student Has



- A. 0
- B. 2
- C. 4
- D. 7

30. Billy collects marbles. Each marble in his collection weighs about 4 ounces. His collection weighs about 20 pounds in all. About how many marbles are in his collection?

- A. 50 marbles
- B. 60 marbles
- C. 70 marbles
- D. 80 marbles

31.

What type of angle is shown?



- A. acute
- B. right
- C. straight
- D. obtuse

32. Remy wanted to measure the angle of the slide of the playground. He used a piece of folded paper that was 10°. He measured that 3 of the folded paper angles would fit in the angle made by the slide. What was the angle of the slide?

- A. 75°
- B. 60°
- C. 45°
- D. 30°