Name

1 What is three and seventeenthousandths written in standard form?

(A) 0.3017 (C) 3.017

(B) 0.317 (D) 3.1700

- Point K is located on the y-axis
 8 units away from the origin. What are the coordinates of point K?
 - (A) (0, 0) (C) (8, 0)
 - (B) (0, 8) (D) (8, 8)
- 3 Rebecca walks 9 dogs each week. She gets paid \$10 a week, plus \$2 for each dog she walks. Which expression can be used to find how much Rebecca gets paid in one week?

(A) 10 + 2 + 9 (C) $10 + (2 \times 9)$

(B) $10 \times 2 + 9$ (D) $10 \times (2 + 9)$

4 What is the volume of the rectangular prism in cubic meters?



- 5 The distance between two communication towers is 12.654 miles. What is this distance rounded to the nearest tenth of a mile?
 - A 12.6 C 12.7
 - (B) 12.65 (D) 13

6 Andrew is using tiles to decorate a rectangular table that is $\frac{4}{5}$ meter long and $\frac{2}{3}$ meter wide.



What is the area of Andrew's table in square meters?



- 7 Mrs. Johnson has 159 chickens that she puts in shelters at night to keep safe. She places 12 chickens in a shelter and continues putting this number of chickens in each shelter until she comes to the last one. How many chickens will Mrs. Johnson put in the last shelter?
 - (A) 3 C) 13 **B** 4
 - (D) 14

8 Which point is located at (3, 2) on the coordinate plane?



- 9 Joe's Car Shop received a shipment of 40 cars. The cars each weighed the same amount. The total shipment weighed 55 tons. What was the weight of each car in tons?
 - $(\underline{A}) \frac{\underline{8}}{11}$ $\bigcirc 1\frac{3}{8}$
 - (B) $1\frac{1}{3}$ (D) $1\frac{1}{2}$

- 10 Molly finds a purple butterfly that measures 5.9 centimeters across its wings. Then she finds a yellow one that measures 67 millimeters across its wings. What is the difference in the measures of the butterfly wings?
 - (A) 8 millimeters
 - (B) 12 millimeters
 - © 61.1 millimeters
 - D 72.9 millimeters
- The table shows Adrian plans to read 15 pages of his book every 2 days.

Adrian's Reading Plan

Number of Days	Number of Pages
2	15
4	30
6	45
8	60

If the pattern continues, which coordinate pair would be included in the graph of Adrian's reading plan?

- (A) (9, 70) (C) (10, 70)
- (B) (9, 75)
 (D) (10, 75)

- 12 On Saturday, Roy helped his grandfather in the garage for $1\frac{1}{4}$ hours. On Sunday, Roy helped him for $3\frac{1}{2}$ hours. How much longer did Roy help his grandfather on Sunday than on Saturday?
 - (A) $2\frac{1}{4}$ hours(C) $1\frac{1}{4}$ hours(B) $2\frac{3}{4}$ hours(D) $1\frac{3}{4}$ hours
- **13** What is the volume of the cereal box in cubic centimeters?



14 Linda drew two shapes. She used the rules below for drawing both shapes.

- Opposite sides are parallel.
- There are two pairs of congruent sides.
- There is at least one right angle.

Which 2 types of shapes always meet these rules?

- (A) rhombus and square
- (B) rhombus and trapezoid
- (C) rectangle and square
- D rectangle and trapezoid

15 The line plot shows the lengths of the lions at a zoo.



What is the difference in lengths between the longest and shortest lions?



Gabriel was at the gym for $\frac{3}{4}$ hour. 16 He spent $\frac{1}{2}$ of this time shooting baskets. What fraction of an hour did Gabriel spend shooting baskets?

 $\mathbb{D}\frac{4}{6}$

 $(\underline{A}) \frac{2}{8}$ $\bigcirc \frac{3}{6}$

(B)

17 Blake, Juan, Ling, and Tina are practicing the long jump. They recorded their jumping distances in the table below.

Long Jump Practice

Student	Distance in Feet
Blake	5.29
Juan	5.145
Ling	5.2
Tina	5.08

Who jumped the longest distance?

(A) Blake (C) Ling

(B) Juan (D) Tina

18 Keegan built the rectangular prism below using blocks.



He decides to increase the volume by doubling the height but keeping the length and the width the same. What is the volume of Keegan's new prism in cubic inches?

A	14	C	42
~			

(B) 28 (D) 56

End-of-Year Test

Name



- **23** A tailor cut a $\frac{1}{3}$ -yard-long strip of cloth into 6 equal pieces for a project. Which equation can be used to find the length of each piece of cloth that the tailor cut?
 - (A) $\frac{1}{3} \div 6 = \frac{1}{18}$ (C) $6 \div \frac{1}{3} = 2$ (B) $\frac{1}{3} \div 6 = \frac{1}{2}$ (D) $6 \div \frac{1}{3} = 18$
- 24 Jim puts 37 crates on a train. Each crate weighs 179 pounds. How much do the crates weigh in all?
 - (A) 3,963 pounds (C) 6,623 pounds
 - (B) 5,976 pounds (D) 7,046 pounds
- **25** A beetle moved $\frac{7}{4}$ inches on a board. A second beetle moved 3 times as far. What is true about the second beetle?
 - (A) It moved less than 3 inches.
 - (B) It moved less than $\frac{7}{4}$ inches.
 - \bigcirc It moved more than 3 inches.
 - (D) It moved more than $\frac{37}{4}$ inches.

26 Which terms can be used to classify the triangle by angle measures and side lengths?



- A right and isosceles
- B right and equilateral
- C acute and scalene
- (D) acute and isosceles
- 27 Mr. Rojas bought 6 bottles of water that each contain 23.9 ounces of water. He bought 0.45 times as much milk as the total amount of water. How much milk did Mr. Rojas buy?
 - (A) 53.26 ounces
 - (B) 64.53 ounces
 - © 64.94 ounces
 - D 74.63 ounces

28 Shana is making a rug as shown below.

2<u>5</u>8 yd

 $\frac{5}{6}$ yd

What is the area of Shana's rug in square yards?

(A) $3\frac{11}{24}$ (C) $1\frac{19}{24}$

B 2 3/16

(D) $1\frac{3}{16}$

29 The positions of the 2 and the 6 are switched in 2,641 to create a new number. What is the value of the 6 in the new number?

(A) 6 (C) 600

B 60 D 6,000

- 30 What is the value of the numerical expression 90 + 7 \times (7 1)?
 - (Å) 132 (C) 167
 - B 138 D 582