

## Math Numbers Operations and Ratios 6\_2

Student Name: \_\_\_\_\_

Date: \_\_\_\_\_

1.

You have 7 apples and 8 oranges.  
apples : oranges =

- A. 8 : 7
- B. 7 : 8
- C. 1 : 8

2.

Wanda rides her bike 5 hours a week.  
How many hours does she ride in 4 weeks?

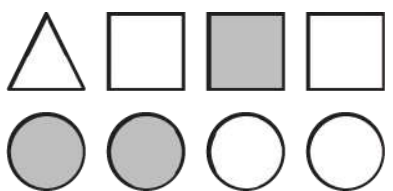
- A. 9
- B. 28
- C. 20

3.

Ken sees cars on a road.  
He sees 120 cars pass in 3 minutes.  
How many cars pass per minute?

- A. 40
- B. 50
- C. 80

4.

  
Tali picks a shape.  
What is the chance she picks a gray shape?

- A.  $\frac{1}{2}$
- B.  $\frac{3}{8}$
- C.  $\frac{3}{4}$

5.

15% of 200 = \_\_\_\_

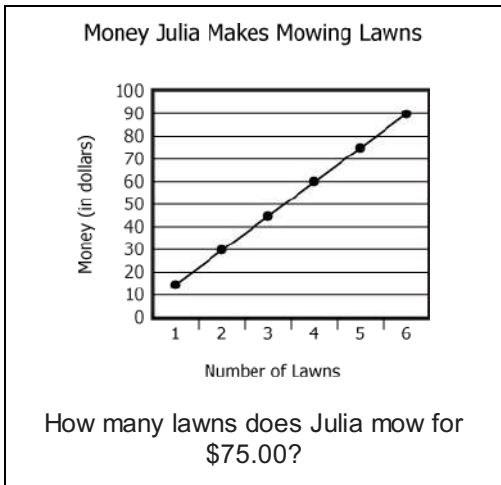
- A. 25
- B. 30
- C. 15

6.

Jay rides 30 miles in 2 hours.  
How many miles per hour (mph) does he ride?

- A. 15 mph
- B. 10 mph
- C. 20 mph

7.



- A. 5
- B. 2
- C. 6

8.

Jim is 50% as tall as a ladder.  
The ladder is 12 feet tall.  
How tall is Jim?

- A. 24 feet
- B. 6 feet
- C. 9 feet

9.

A class has 30 students with a girl to boy ratio of 10 : 20.

The class is split into 2 groups with an equal ratio.

How many girls are in each group?

- A. 20
- B. 10
- C. 5

11.

A clown has 10 red balloons and 14 blue balloons.

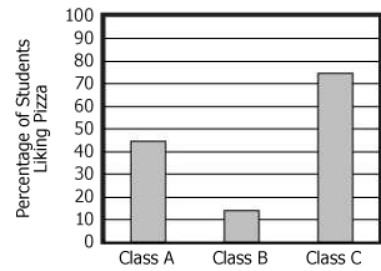
You pick one balloon without looking.

What is the chance it is red?

- A.  $\frac{10}{24}$
- B.  $\frac{10}{14}$
- C.  $\frac{14}{4}$

10.

Percentage of Students Liking Pizza in 3 Classes



There are 60 students in Class C. How many like pizza?

- A. 27
- B. 45
- C. 40

12.

$$\frac{48 \text{ students}}{12 \text{ teachers}} = \frac{x \text{ students}}{1 \text{ teacher}}$$

$$x = \underline{\quad}$$

- A. 4
- B. 3
- C. 8

13.

What is the chance of rolling an odd number on a 6-sided die?

- A.  $\frac{1}{2}$
- B.  $\frac{1}{6}$
- C.  $\frac{1}{4}$

14.

You have 2 apples and 8 oranges.  
apples : oranges =

- A. 2 : 6
- B. 1 : 4
- C. 2 : 4

15.

A class has 27 students with a girl to boy ratio of 12:15.  
The class is split into 3 groups with an equal ratio.  
How many girls are in each group?

- A. 5
- B. 3
- C. 4

16.

Ray takes a 300 mile trip.  
He drives 50 miles a day.  
How many days is his trip?

- A. 4
- B. 5
- C. 6