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.

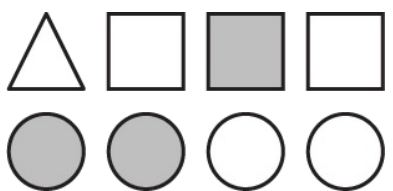Wanda rides her bike 5 hours a week.

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. $\frac{3}{4}$
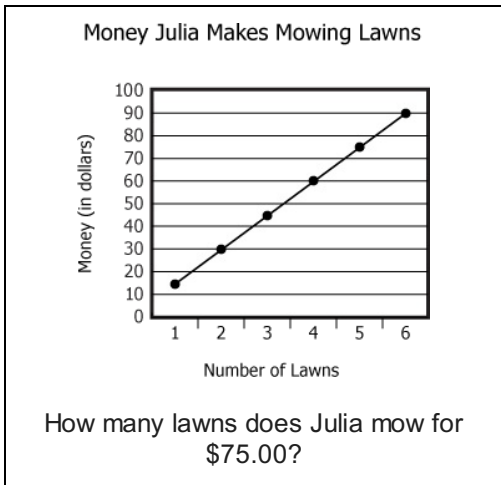
5.

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.

Money Julia Makes Mowing Lawns

How many lawns does Julia mow for $75.00?

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

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
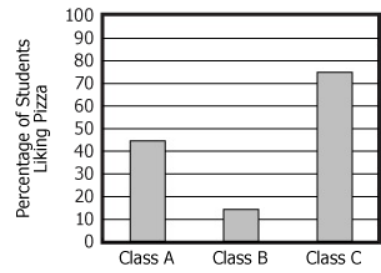
11.

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. $\frac{14}{4}$

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