Math Nums Ops Algebra and Geometry 7_2

Student Name:_____   Date:_____
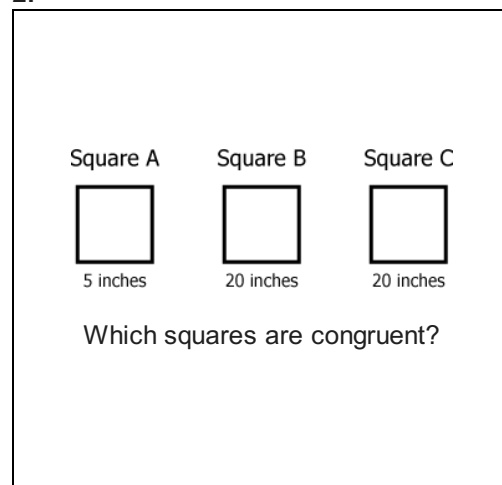
1.

Miles Driven

Hours	Miles
1	30
2	60
3	90
4	120
5	150

The car will drive ___ miles in 6 hours.

A. 170

B. 180

C. 190

2.

Square A   Square B   Square C

5 inches   20 inches   20 inches

Which squares are congruent?

A. B and C

B. A and B

C. A and C

3.

How Much Water Tanks Hold

Gallons
72
60
48
36
24
12
0
        1 2 3 4 5
Water Tanks

6 water tanks hold ___ gallons.
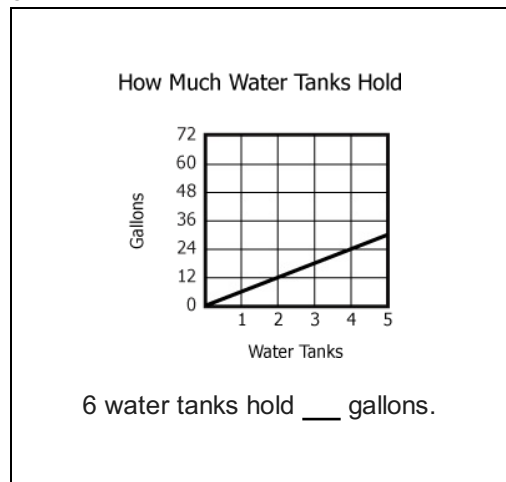
A. 36

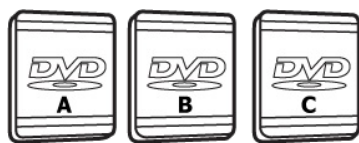**B.** 24

C. 30

4.

4 in 6 houses have a dog.

There are 12 houses.

How many have a dog?

A. 4

B. 8

C. 6

5.

$15.00 $18.00 $12.00

Sue buys all 3 DVDs.

What part of the total cost
is DVD B?

A. $\frac{2}{5}$

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

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

6.

Cara sells 90% of the apples she picks.

One day she picks 10 pounds.

How many pounds does she sell?

A. 90

B. 10

C. 9

7.

16 oz. = 1 pound

___ oz. = 4.5 pounds

A. 72

B. 7.2

C. 720

8.

Price of Different Pizza Slices

Pizza	Slices	Price
Combo	1	$2.50
	2	$5.00
Sausage	1	$2.00
	2	$4.00
Cheese	1	$1.50
	2	$3.00

4 slices of cheese cost ___ less than 4
slices of sausage.

A. $1.00

B. $1.50

C. $2.00

9.
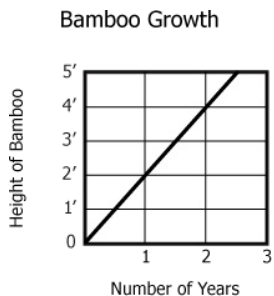
Bamboo Growth

What is the rate of bamboo growth?

A. 2' / yr

B. 4' / yr

C. 3' / yr

10.

1 km = 0.6 miles

Don walks 5 km.

How many miles does he walk?

A. 3

B. 6

C. 5

11.
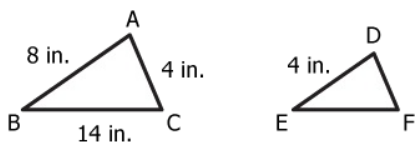
Triangle ABC is similar to Triangle DEF

DF = ___ in.

A. 2

B. 2.5

C. 1.5

12.

Lindy needs 8 gifts for her friends.

She has 6 so far.

What % of the gifts does she have?

A. 75%

B. 60%

C. 50%

13.

x	y
2	8
3	12
4	16
5	20

Which fits?

A. x = 4y

B. y = 4x

C. y = 4 + x

14.

16 tablespoons = 1 cup

Dennis has 36 tablespoons of sugar.

How many cups does he have?

A. 2.25

B. 2.5

C. 3

15.

There are 40 black jelly beans, 30 red jelly beans, and 30 green jelly beans.

What is the chance you pick a black jelly bean?

A. 0.3

B. 4

C. 0.4

16.

Ice cream has 220 calories in 4 ounces.

How many calories in 8 ounces?

A. 1,760

B. 440

C. 228