Math Nums Ops Algebra and Geometry 7_3

Student Name:_____   Date:_____

1.

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

Dave buys 4 slices of one kind. He pays $6.00.
What kind of pizza does he buy?

A. Sausage

B. Cheese

C. Combo

2.

Which shapes are congruent?

A. C & A

B. A & B

C. B & C

3.

A car goes 54 miles on 3 gallons of gas.

How many miles does the car go on 8 gallons of gas?

A. 26

B. 144

C. 18

4.

Gas Mileage

Gallons	Miles
5	150
10	300
15	450

How many gallons do you need for every 150 miles?

A. 15

B. 10

C. 5

5.

Two squares are congruent.

Their sides are:

A. similar

B. parallel

C. equal

6.

Felice swims 3 times every 7 days.

How many times will she
swim in 28 days?

A. 3

B. 21

C. 12

7.

Triangle ABC is congruent to Triangle DEF

BC = ___

A. AC

B. EF

C. DE

8.

x	y
0	0
1	6
2	12
3	18

Which fits?
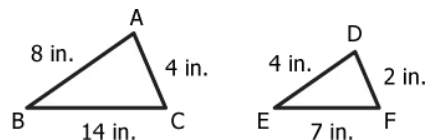
A. y = x + 6

B. y = 6x

C. y = 0x

9.

A snail moves 12.1 inches every 36 hours.

About how far does the snail go in 90 hours?

A. 48 inches

B. 2.5 inches

C. 30 inches

10.

Triangle ABC and

Triangle DEF are ___ .

A. not similar or congruent

B. similar

C. congruent

11.

Car Facts

Car	Price	Miles Per Gallon
1	$15,000	20
2	$20,000	28
3	$40,000	25
4	$35,000	30

Which car's price is less than 2 times the price of Car 1?

A. Car 2

B. Car 3

C. Car 4

12.

6 in 20 people have red hair.

There are 1,000 people.

How many have red hair?

A. 300

B. 600

C. 900

13.

Amount of Recycling for Families

Number of Families	Lbs of Recycled Materials
5	25
10	50
15	75
20	100

Each family has ___ lbs. of recycling.

A. 5

B. 10

C. 25

14.

The triangles are similar.

How long is side EF?

A. 30 ft.

B. 50 ft.

C. 5 ft.

15.

$\frac{7}{8}$ of Bill's coins are pennies.

What % are pennies?

A. 80%

B. 90%

C. 87.5%

16.

Yan buys a shirt on sale for 75% off.

He pays $10.00.

How much did the shirt cost before the sale?

A. $100.00

B. $40.00

C. $7.50