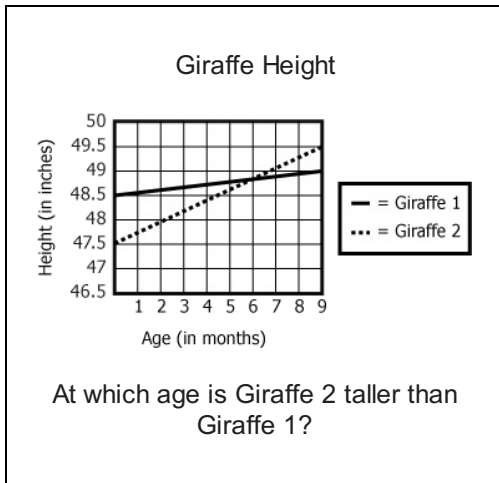


## Math Nums Ops Algebra and Geometry 7\_6

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

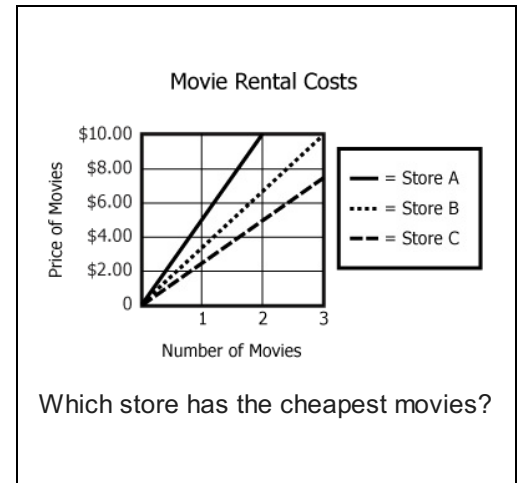
Date: \_\_\_\_\_

1.



- A. 1 month
- B. 8 months
- C. 4 months

2.



- A. A
- B. B
- C. C

3.

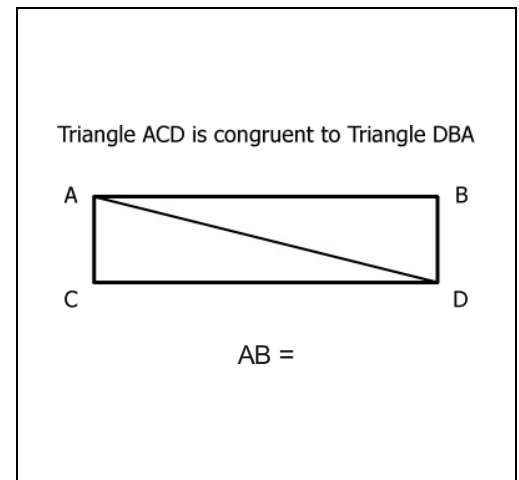
**Horses That Can Be on a Ranch**

Horses	Acres
2	50
4	100
6	150

How many horses can be on a 200 acre ranch?

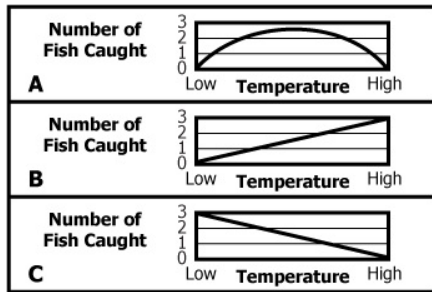
- A. 12
- B. 8
- C. 7

4.



- A. AC
- B. CD
- C. AD

5.



Which shows that the number of fish caught goes **down** as temperature goes **up**?

- A. A
- B. B
- C. C

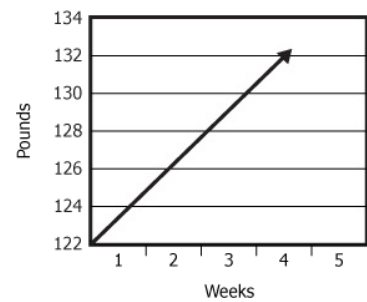
7.

16 ounces = 1 pound  
 Jason has 32 ounces of salt.  
 How many pounds is this?

- A. 2
- B. 48
- C. 16

6.

A Baby Cow's Growth



About how many pounds does the baby cow gain each week?

- A. 3
- B. 10
- C. 116

8.

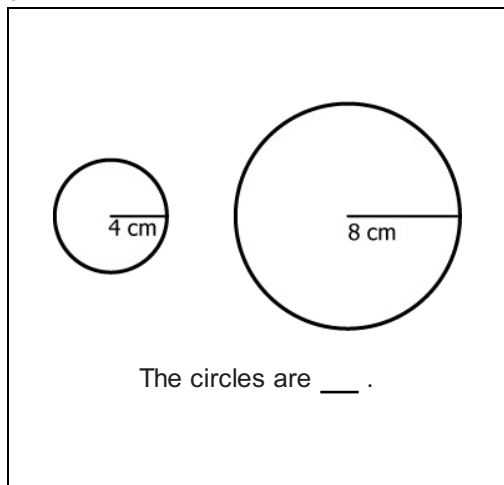
Dart Game

Wins	Prizes
2	1
4	2
6	3

How many wins do you need for each prize?

- A. 3
- B. 2
- C. 1

9.



- A. not similar or congruent
- B. congruent
- C. similar

11.

1 pound = 16 ounces

Frank has  $2\frac{1}{2}$  pounds of apples.

How many ounces of apples does he have?

- A. 2.8
- B. 40
- C. 32

10.

Part Name	Toy Size	Real Car Size
Car	3"	120"
Door Handle	?	5"

A toy car is a scale model of a real car.

? = \_\_\_\_

- A. 15"
- B. 0.125"
- C. 8"

12.

Weight of Baby Seals		
Seal Number	Age (months)	Weight (pounds)
1	1	5
	2	10
	3	15
	4	20
2	1	10
	2	12.5
	3	15
	4	17.5

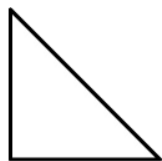
How much will Seal 2 weigh at 6 months?

- A. 20.5 pounds
- B. 22.5 pounds
- C. 15 pounds

13.



A



B

The side lengths of Triangles A and B have a ratio of 1 : 2.

Triangles A and B have equal angles.

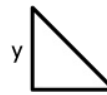
They are \_\_\_\_.

- A. not congruent or similar
- B. similar
- C. congruent

14.



A



B

Triangles A and B are similar.

$$\frac{x}{y} = \frac{1}{3}$$

$$\frac{x}{y} = \frac{3}{?}$$

$$? = \underline{\hspace{1cm}}$$

- A. 9
- B. 12
- C. 6

15.

There are 400 tickets to a show.

Half cost \$20 and half cost \$30.

How much do all the tickets cost?

- A. \$10,000
- B. \$8,000
- C. \$12,000

16.

8 out of 10 doctors use floss.

There are 40 doctors.

How many use floss?

- A. 32
- B. 30
- C. 22