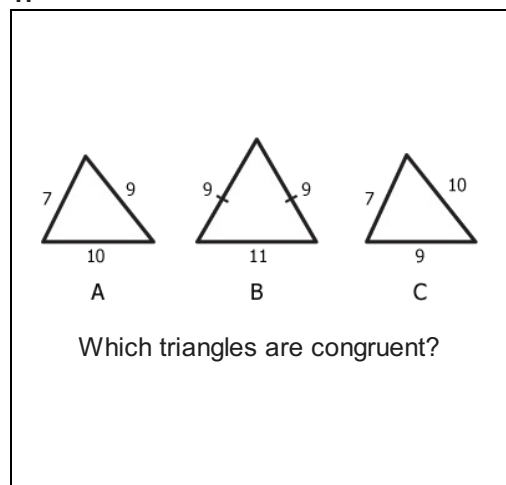


Math Nums Ops Algebra and Geometry 7_4

Student Name: _____

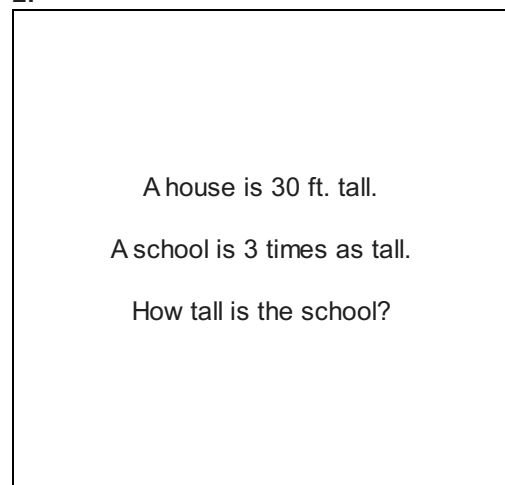
Date: _____

1.



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

2.



- A. 90 ft.
- B. 33 ft.
- C. 60 ft.

3.

Price of Different Pie Slices

Pie	Slices	Price
Pecan	1	\$2.50
	2	\$5.00
Cherry	1	\$2.00
	2	\$4.00
Apple	1	\$1.50
	2	\$3.00

Jane buys 4 slices of a pie for \$6.00.

What kind of pie did she buy?

- A. Apple
- B. Cherry
- C. Pecan

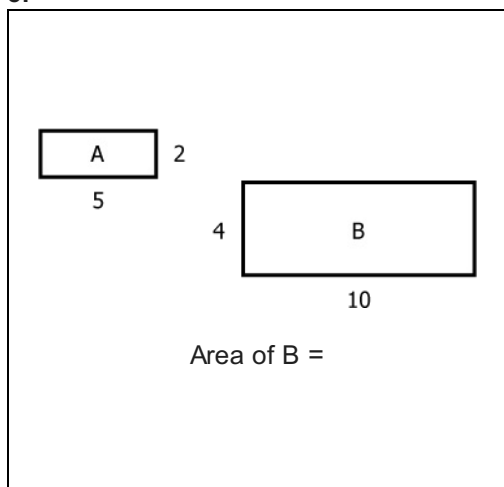
4.

Radio Type	Radio Cost
Radio A	\$150.00
Radio B	\$175.00
Radio C	\$75.00
Radio D	\$100.00

Which costs 2 times as much as Radio C?

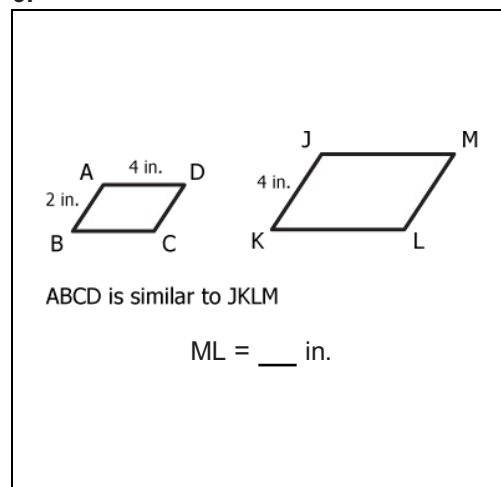
- A. Radio D
- B. Radio B
- C. Radio A

5.



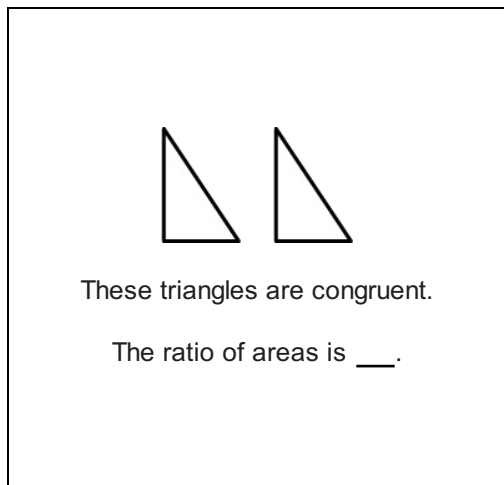
- A. $2 \times$ Area of A
- B. $4 \times$ Area of A
- C. $8 \times$ Area of A

6.



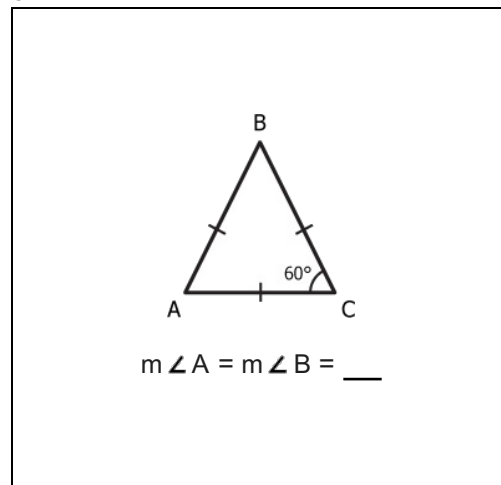
- A. 8
- B. 4
- C. 2

7.



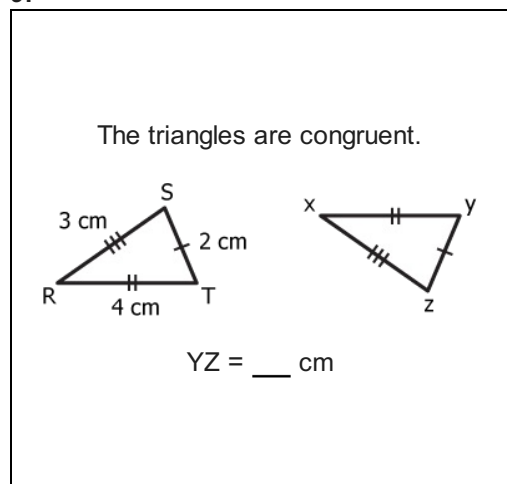
- A. 2 : 1
- B. 1 : 2
- C. 1 : 1

8.



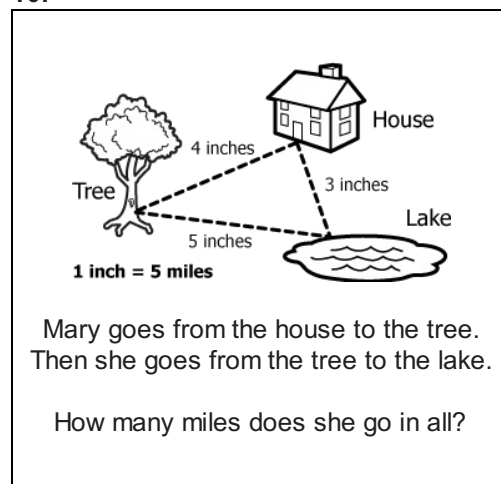
- A. 70°
- B. 60°
- C. 90°

9.



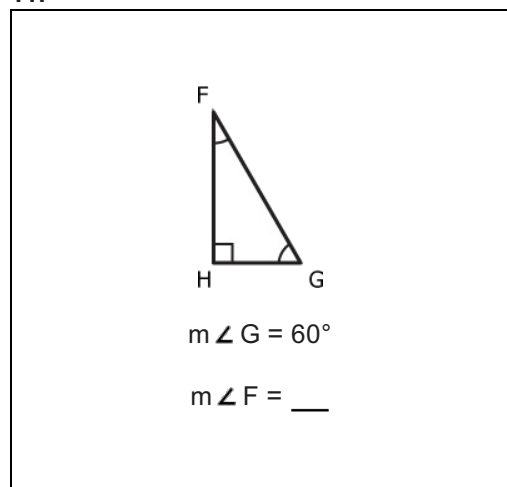
- A. 4
- B. 3
- C. 2

10.



- A. 45
- B. 40
- C. 9

11.



- A. 90°
- B. 30°
- C. 60°

12.

Pay for Pet Sitter

Number of Pets	Pay
1	\$7.00
2	\$14.00
4	\$28.00
8	\$56.00

How much pay for 9 pets?

- A. \$49.00
- B. \$72.00
- C. \$63.00

13.

Triangle ABC is similar to Triangle DEF

$\frac{BC}{EF} = \frac{AC}{DF}$

DF = ____

- A. 10 in.
- B. 9 in.
- C. 9.5 in.

14.

These two rectangles are ____ .

- A. congruent
- B. squares
- C. similar

15.

$y = 4x$

Which is the same?

- A. $y - 4 = x$
- B. $4y = x$
- C. $\frac{y}{4} = x$

16.

x	y
6	30
7	35
8	40
9	45

Which fits?

- A. $y = x + 5$
- B. $y = 5x$
- C. $y = 35x$