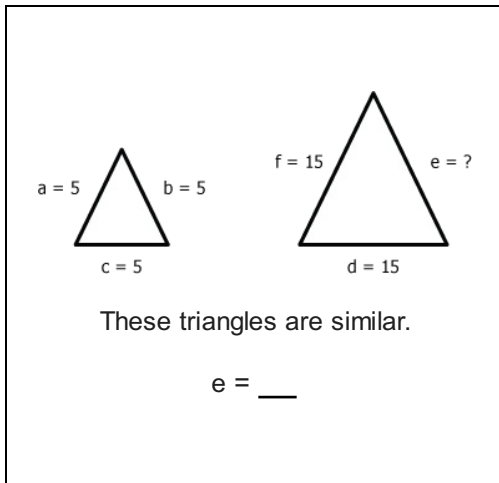


Math Geometry and Measurement 8_7

Student Name: _____

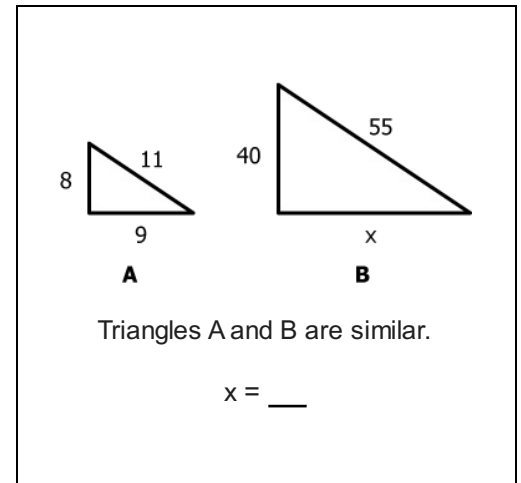
Date: _____

1.



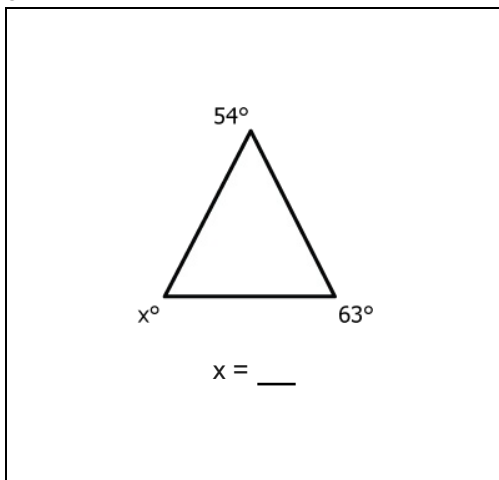
- A. 15
- B. 5
- C. 10

2.



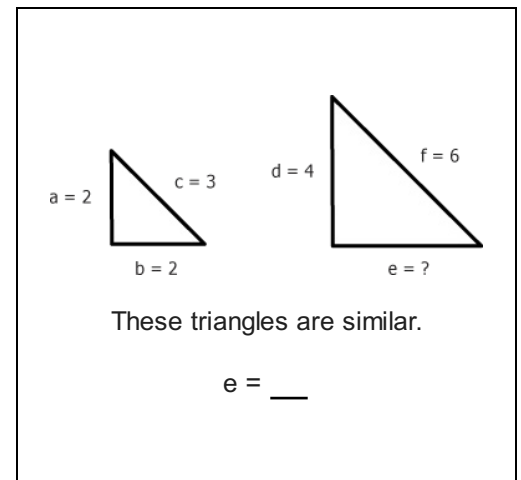
- A. 95
- B. 5
- C. 45

3.



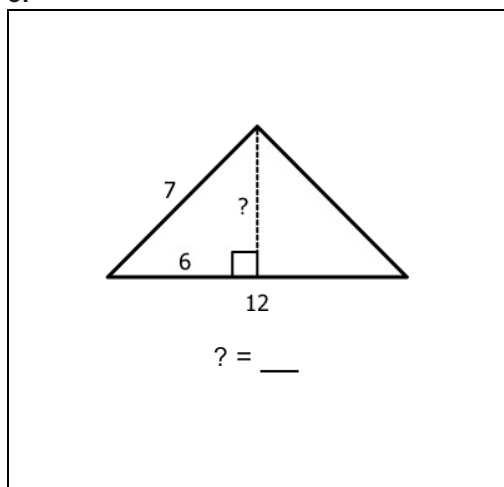
- A. 54°
- B. 80°
- C. 63°

4.



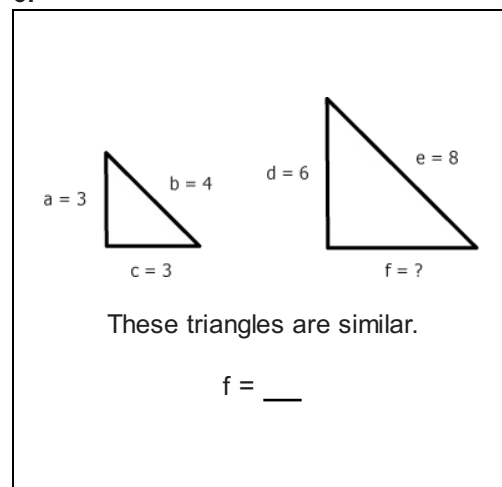
- A. 2
- B. 6
- C. 4

5.



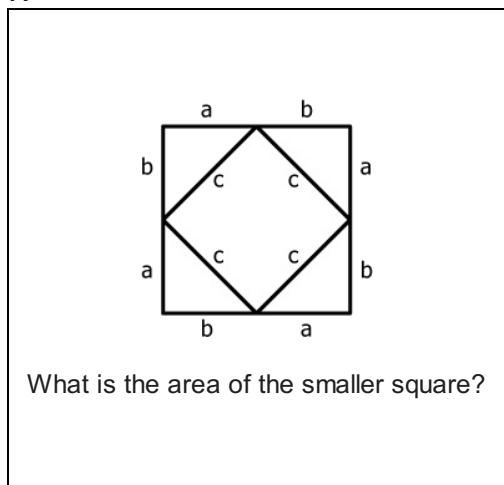
- A. $7^2 + 6^2$
- B. $\sqrt{7^2 - 6^2}$
- C. $\sqrt{(6 \times 7)}$

6.



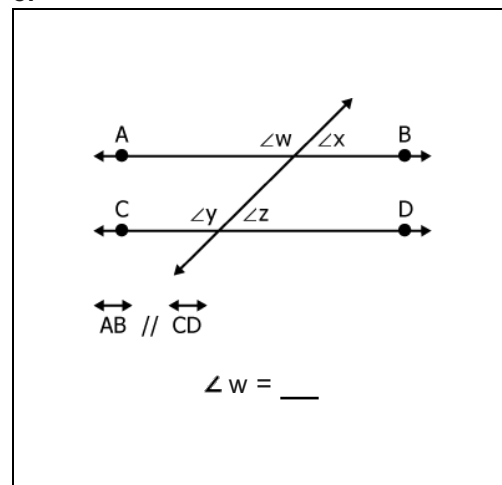
- A. 8
- B. 3
- C. 6

7.



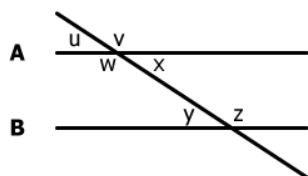
- A. $(a + c)^2$
- B. c^2
- C. $b^2 - a^2$

8.



- A. $\angle y$
- B. $\angle z$
- C. $\angle x$

9.

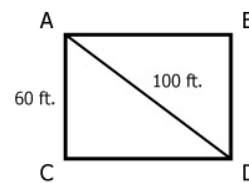


Lines A and B are parallel.

$$m \angle y = m \angle \underline{\hspace{1cm}}$$

- A. w
- B. v
- C. x

10.



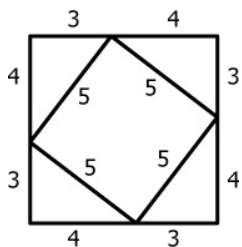
$$(AC)^2 + (CD)^2 = (AD)^2$$

Amy runs from C to D.

She runs ft.

- A. 160
- B. 80
- C. 800

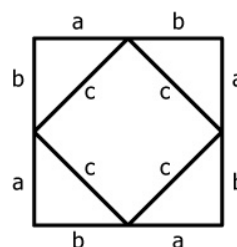
11.



Area of the big square =

- A. 144
- B. 49
- C. 48

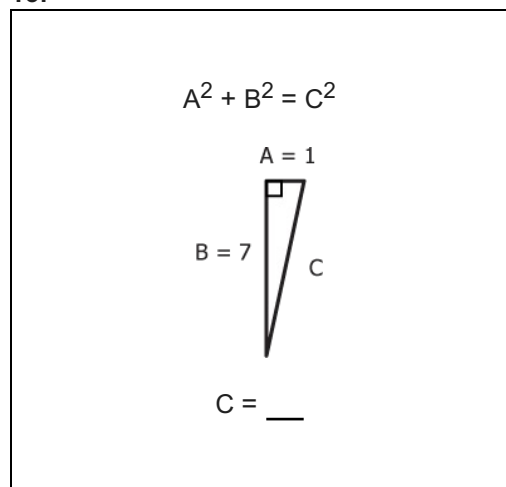
12.



What is the area of one of the triangles?

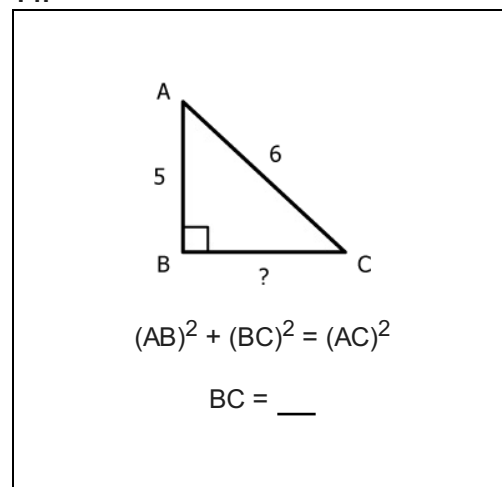
- A. $c \times a \times b$
- B. $(a \times b) \times \frac{1}{2}$
- C. $2 \times a \times b$

13.



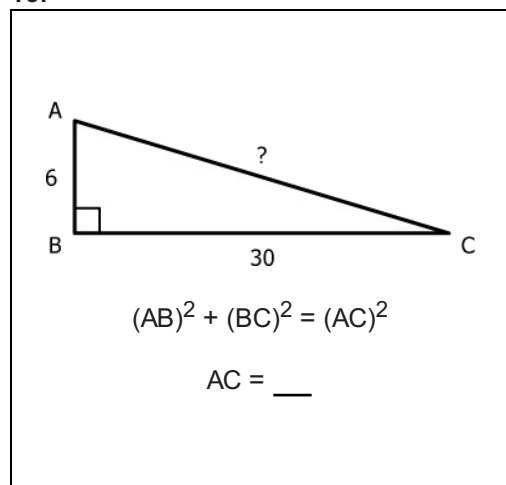
- A. $\sqrt{8}$
- B. $\sqrt{50}$
- C. $\sqrt{71}$

14.



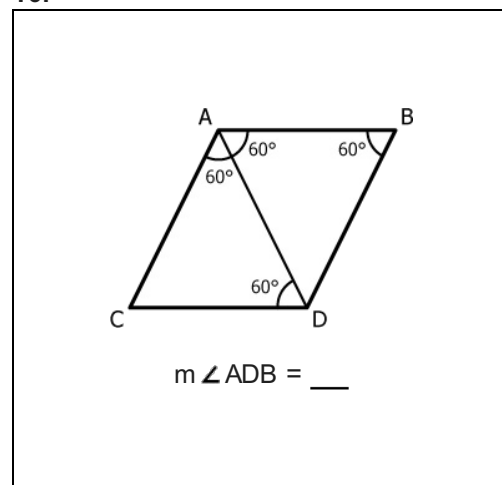
- A. $\sqrt{11}$
- B. $\sqrt{30}$
- C. $\sqrt{100}$

15.



- A. $\sqrt{936}$
- B. $\sqrt{36}$
- C. $\sqrt{60}$

16.



- A. 30°
- B. 45°
- C. 60°