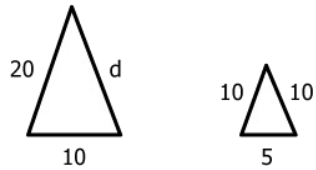


Math Geometry and Measurement 8_3

Student Name: _____

Date: _____

1.

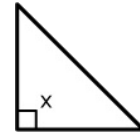


These triangles are similar.

$d = \underline{\hspace{1cm}}$ units

- A. 15
- B. 10
- C. 20

2.

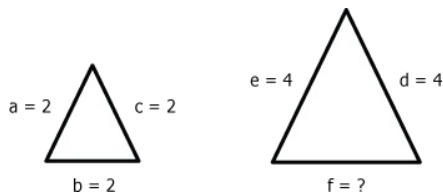


$m \angle X = 90^\circ$

$\angle X$ is $\underline{\hspace{1cm}}$

- A. obtuse
- B. acute
- C. right

3.

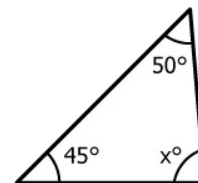


These triangles are similar.

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

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

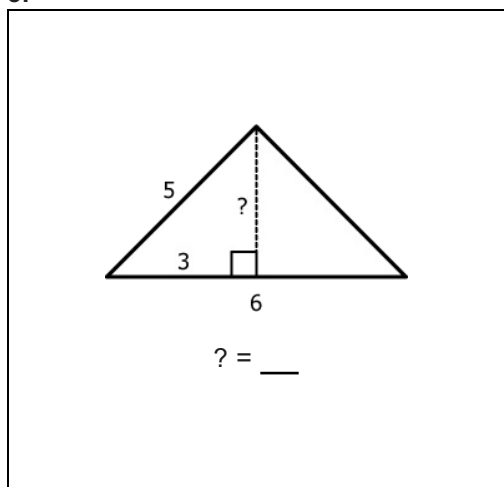
4.



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

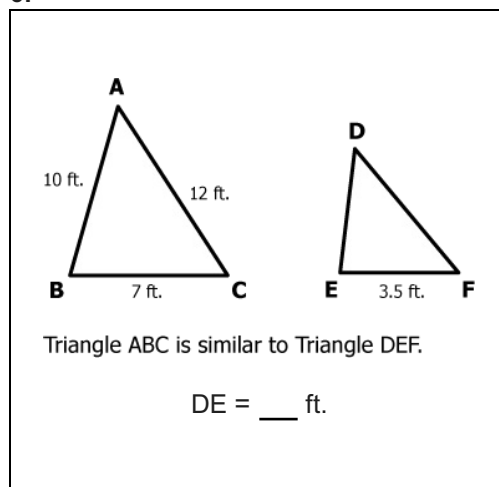
- A. 50°
- B. 85°
- C. 75°

5.



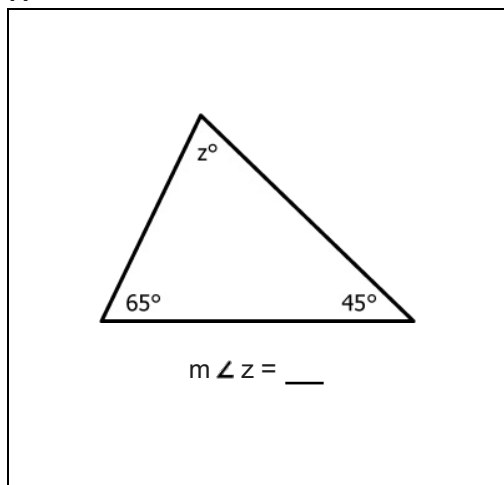
- A. $5^2 + 3^2$
- B. $\sqrt{5 \times 3}$
- C. $\sqrt{5^2 - 3^2}$

6.



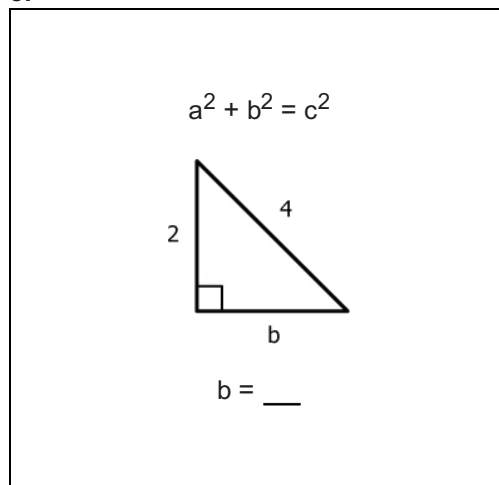
- A. 2.5
- B. 10
- C. 5

7.



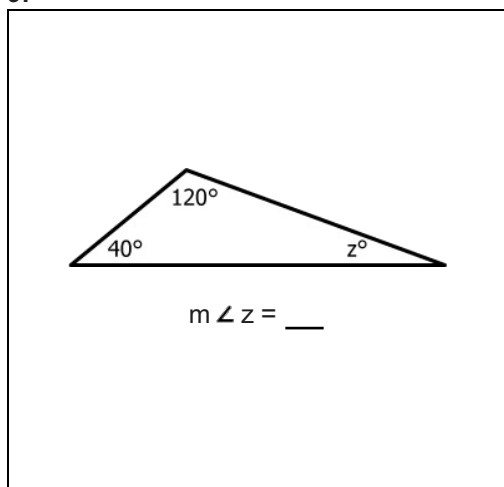
- A. 80°
- B. 70°
- C. 35°

8.



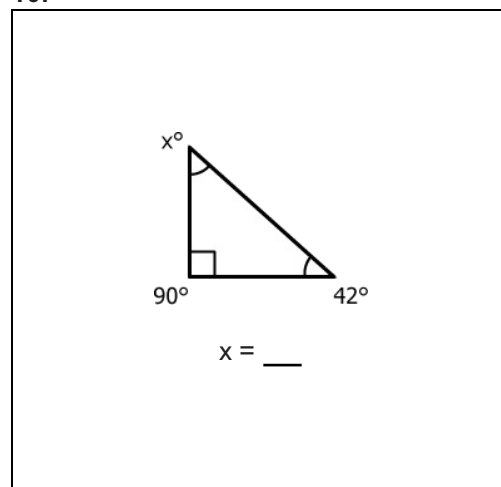
- A. $\sqrt{12}$
- B. 6^2
- C. 20

9.



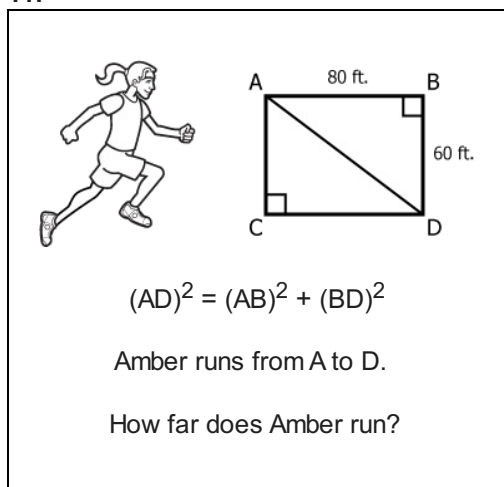
- A. 80°
- B. 20°
- C. 30°

10.



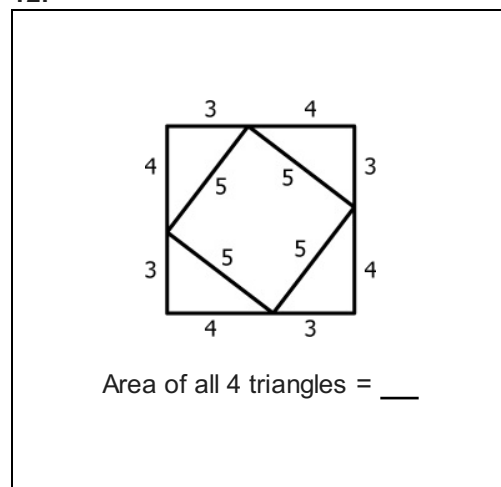
- A. 48°
- B. 45°
- C. 42°

11.



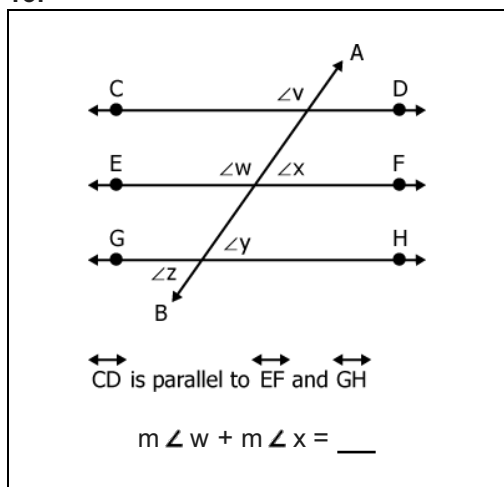
- A. 140 ft.
- B. 100 ft.
- C. 20 ft.

12.



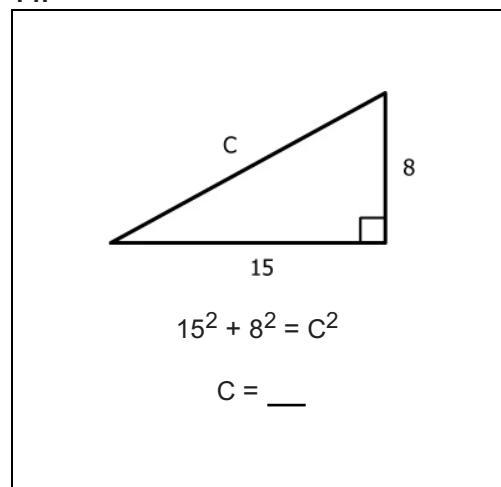
- A. 6
- B. 24
- C. 12

13.



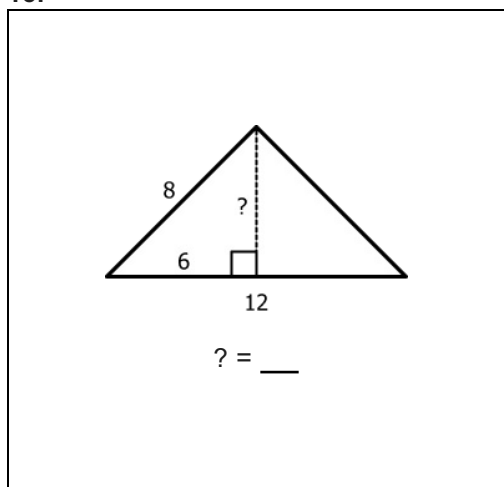
- A. 90°
- B. 180°
- C. 360°

14.



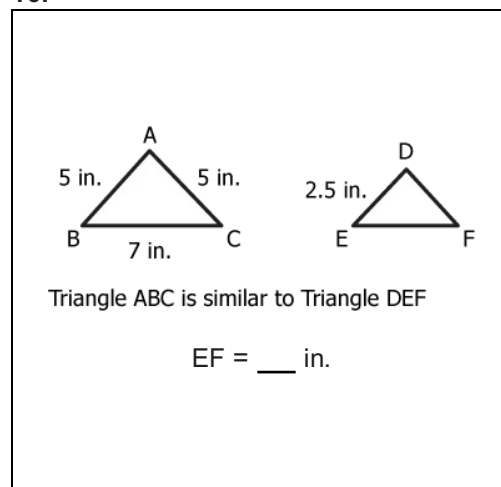
- A. 23
- B. 17
- C. 7

15.



- A. $8^2 + 6^2$
- B. $\sqrt{8^2 - 6^2}$
- C. $\sqrt{8 \times 6}$

16.



- A. 3
- B. 3.5
- C. 4