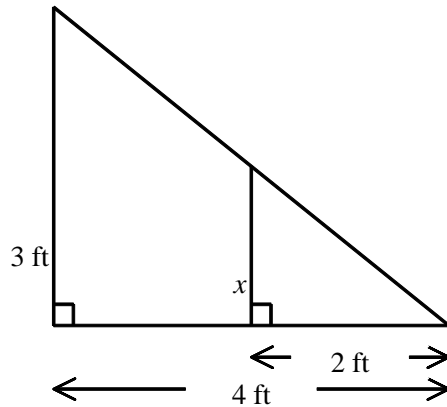


NAME: _____

P.I. G.G.45: Investigate, justify, and apply theorems about similar triangles

1. Use similar triangles to find x .



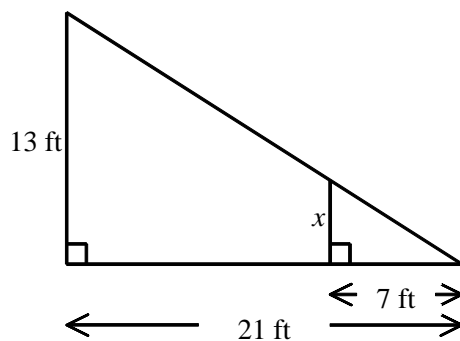
[A] 1.5 ft

[B] 2.67 ft

[C] 1.25 ft

[D] 6 ft

2. Use similar triangles to find x .



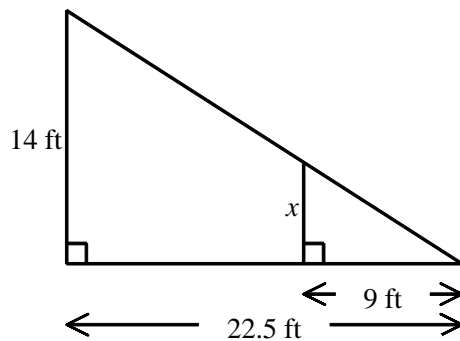
[A] 0.95 ft

[B] 11.31 ft

[C] 4.33 ft

[D] 39 ft

3. Use similar triangles to find x .



[A] 1.02 ft

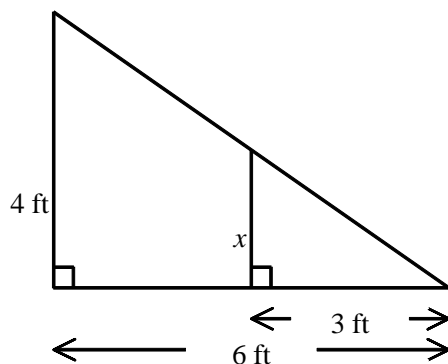
[B] 14.46 ft

[C] 5.6 ft

[D] 35 ft

NAME: _____

4. Use similar triangles to find x .



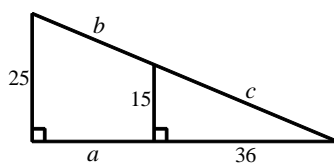
[A] 4.5 ft

[B] 2 ft

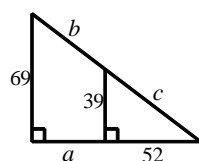
[C] 8 ft

[D] 1.17 ft

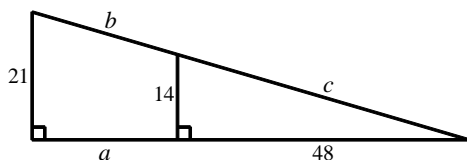
5. Find a , b , and c .



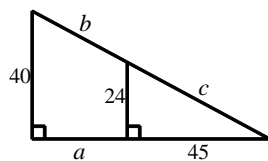
6. Find a , b , and c .



7. Find a , b , and c .



8. Find a , b , and c .



[1] A

[2] C

[3] C

[4] B

[5] $a = 24, b = 26, c = 39$

[6] $a = 40, b = 50, c = 65$

[7] $a = 24, b = 25, c = 50$

[8] $a = 30, b = 34, c = 51$