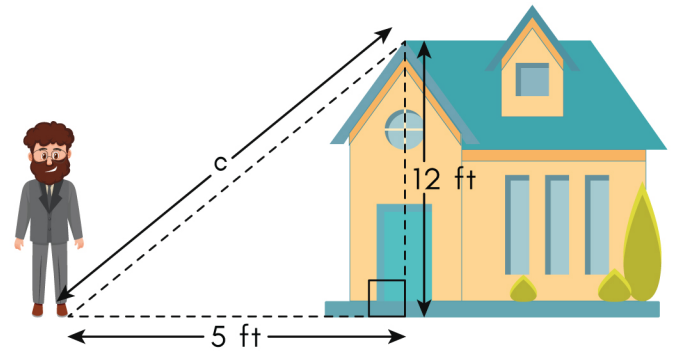


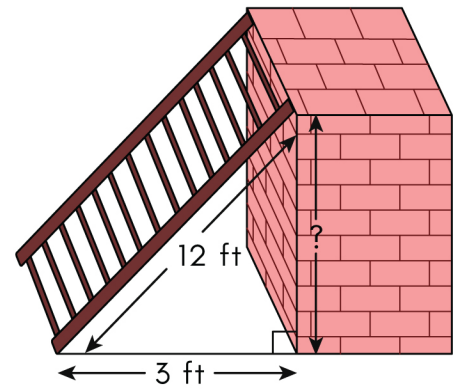
# Pythagorean Theorem Word Problems Worksheet

- 1 The house is 12 feet tall. The man is 5 feet from the house. Solve for the missing length 'c'.



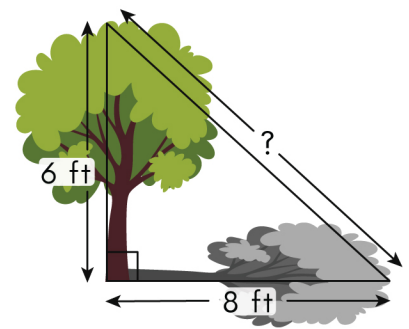
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- 2 A 12 feet ladder is leaning against a wall at a distance of 3 feet. Find the distance from the ground to the end of the ladder where it touches the wall.



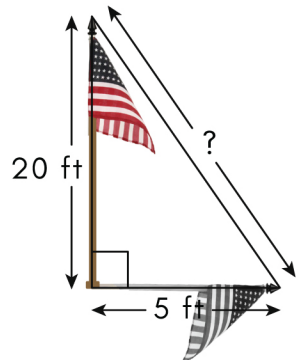
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- 3 A 6 feet tall tree casts a shadow that is 8 feet long. What is the distance from the top of the tree to the top of its shadow?



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- 4 A flag pole of height 20 feet casts a shadow of 5 feet. What is the distance from the top of the pole to the end of the shadow?

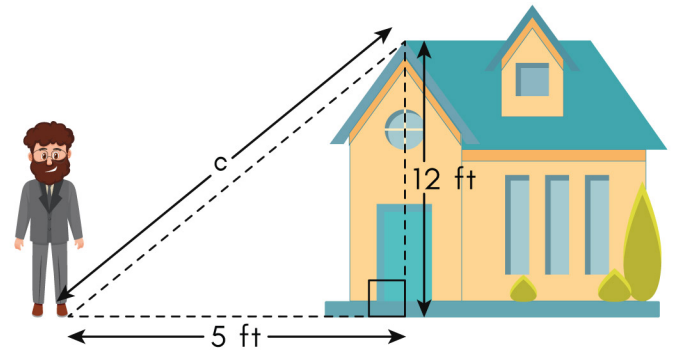


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# Pythagorean Theorem Word Problems Worksheet

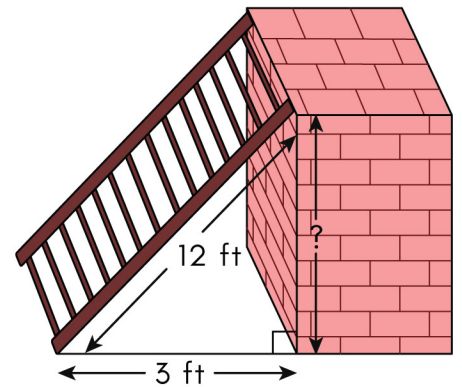
## Answers

- 1 The house is 12 feet tall. The man is 5 feet from the house. Solve for the missing length 'c'.



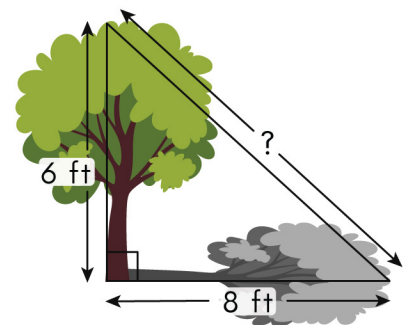
13 feet

- 2 A 12 feet ladder is leaning against a wall at a distance of 3 feet. Find the distance from the ground to the end of the ladder where it touches the wall.



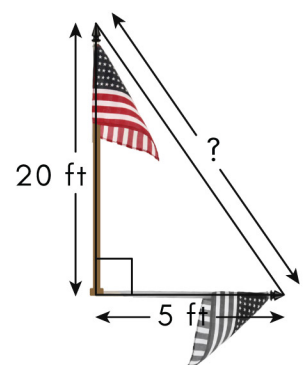
11.62 feet

- 3 A 6 feet tall tree casts a shadow that is 8 feet long. What is the distance from the top of the tree to the top of its shadow?



10 feet

- 4 A flag pole of height 20 feet casts a shadow of 5 feet. What is the distance from the top of the pole to the end of the shadow?



20.6 feet