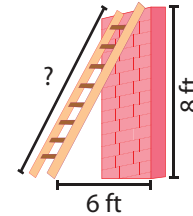


Pythagorean Theorem | Word Problems

Solve the word problems. Round your answer to the nearest tenth.

- 1) Dan secures a ladder firmly to the wall to dust a photo frame mounted on the wall. The foot of the ladder is placed 6 feet from the wall. If the top of the ladder rests 8 feet up the wall, what is the length of the ladder?



- 2) If the length of the hypotenuse is 10 units and one leg is 6 units, what is the length of the other leg?

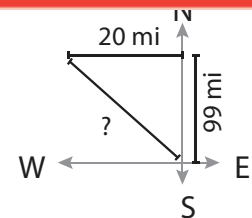
Preview

Become a member to unlock
unrestricted access to both printable
and online worksheets.



www.tutoringhour.com

- 3) Calculate the distance from the starting point to the destination if the path is a right-angled triangle with legs of 3 miles and 4 miles.
- 4) A route that leads to the mystery island.



- 5) For her boat model, Dahlia cut a piece of fabric in the shape of a right triangle. If the length of the longest side was 8 inches and one of other two sides measured 4 inches, what was the length of the other side?

