

Name _____

Date _____

Pythagorean Theorem: In Practice

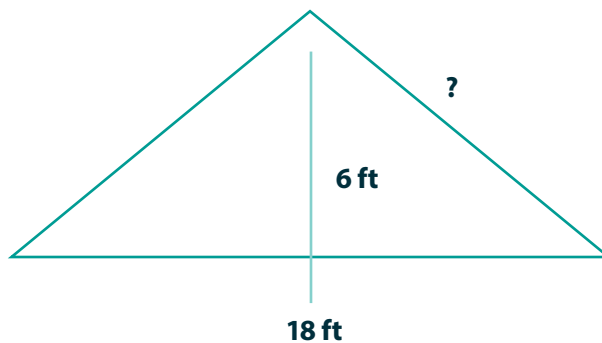
Instructions: Use what you know about the Pythagorean Theorem to complete the problem on this page.



You are helping to build the roof on a plank house that looks like this.



The height of the roof is six feet. The width of the house is 18 feet. How long does the plank need to be to fit the roof?



On the back of this page, design a problem for another classmate to solve. It should involve the Pythagorean Theorem and a real-world problem similar to the example above. Exchange papers with a classmate and solve each other's problems.