Name: _

Pythagorean Theorem Extra Practice Worksheet





For 4 - 8, find the length of the 3^{rd} side of the triangle.



Find the distance between the two points.







19) A skyscraper is 100 feet tall. A man wants to use a 30-foot ladder to rescue somebody that is trapped in a room whose window is 28 feet above the ground. How far away from the building should he put the bottom of the ladder?

20) The same ladder is moved out so that the base is 15 feet away from the building. How high will the ladder reach now?

21) Derman left his house and drove 14 miles east. However, he realized that he missed his turn, so he turned around and drove 2.5 miles west. He then drove 5 miles north. How far away from his house did he end up?

Now go to lischwe.weebly.com and check your answers!!! This is part of the worksheet grade. If you fix them in a different color, they will count as correct.