## Algebra I 11-6 <br> Pythagorean Theorem Word Problems

Solve. Make a sketch for each problem.
Round answers to the nearest hundredth.
*1) A 15 foot long ladder leans up against the side of a house. The base of the ladder is 4 feet from the bottom of the house. How far up the wall does the ladder reach? $14.46^{\circ}$


