

Correct. The ladder, wall, and ground form a right triangle; \square , \square and the length of the ladder is c . Using the Pythagorean Theorem, $c^2 = a^2 + b^2 = 5^2 + 10^2 = 25 + 100 = 125$, so $c = \sqrt{125}$, which is approximately 11.18 feet.