Correct. The ladder, wall, and ground form a right triangle; $a = 10$, $c = 12$ and the distance from the bottom of the ladder to the wall is b. Using the Pythagorean Theorem, $a^2 + b^2 = c^2$, so $10^2 + b^2 = 12^2$. Therefore, $b^2 = 12^2 - 10^2 = 144 - 100 = 44$. Therefore, $b = \sqrt{44}$, which is approximately 6.63 feet.