Correct. The ladder, the wall, and the ground form a right triangle. Let x represent the unknown height, which is the side opposite the 70° angle. You are given the length of the side adjacent to this angle, so you can use tangent to set up an equation:

$$\tan 70^\circ = \frac{x}{4}$$

Solve the equation for x, then use a calculator to find a numerical value:

$$x = 4 \cdot \tan 70^\circ = 4 \cdot 2.747\ldots = 10.989\ldots \approx 11.0$$