

We need only vertical velocity and it's equal to zero. So, we will have:

$$h = v_0 \cdot t + \frac{g \cdot t^2}{2} = |v_0 = 0| = \frac{g \cdot t^2}{2} = \frac{9.8 \cdot 1.7^2}{2} = 14.161 \text{ m.}$$

Answer: 14.161 meters.