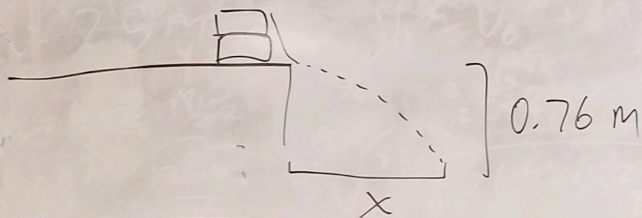


Lab marble Drop



What was the velocity of the marble when it left the table?

X	Y
$x =$	$y = 0.73 \text{ m}$
$v_x = ?$	$v_{0y} = 0$
$a_x = 0$	$a_y = 9.8 \text{ m/s}^2$
$t = t$	

$$t = \sqrt{\frac{2(0.73 \text{ m})}{9.8 \text{ m/s}^2}}$$

$$v_x = \frac{x}{t}$$

$$t = \sqrt{\frac{2y}{g}}$$
$$v_x = \frac{x}{t}$$