



$$t = ?$$

$$V_x = ?$$

$$V_y = ?$$

H	V
$V = \frac{x}{t}$	$y = \frac{1}{2}gt^2$
$V = \frac{3.0}{t}$	$1 = \frac{1}{2}(9.8)t^2$
$V_x = \frac{3.0}{.45} = 6.6\text{ m/s}$	$t = \sqrt{\frac{(2)(1)}{9.8}}$
	$t = .45\text{ s}$
	$V_y = gt$
	$V_y = 9.8t = (9.8)(.45) = 4.4\text{ m/s}$