















Х	Y	
	$\overrightarrow{V_i} = 0 \text{ m/s}$ $a = -9.8 \text{ m/s}^2$ $\overrightarrow{\Delta y} = ?$ t = 1.14  s	Note there <u>IS</u> acceleration in the Y direction therefore any kinematic may be used
$\Delta y = V_i t + \frac{1}{2} a t^2$		
$\Delta y = 0m/s(1.14s) + \frac{1}{2}(-9.8m/s^2)(1.14s)^2$		
$\Delta y = -6.37m$ The cliff is 6.37 m high		