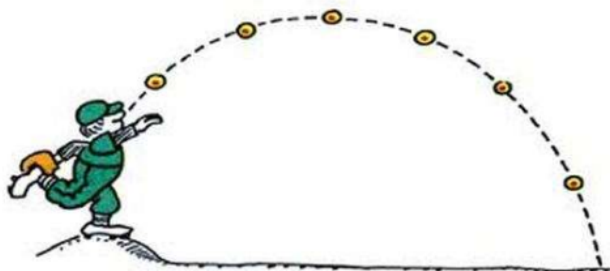


Name: _____

SPH3U Unit 1: Kinematics**Unit Goal:** Projectile motion

What it is:	When an object is thrown or launched horizontally, it follows a curved path as it falls to the ground (a parabola).
What we want to do:	find how far it goes horizontally time until it hits the ground. final speed. max height.
What we already know:	math curved path ax^2+bx+c quadratic formula $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$
What we need to learn:	physics gravity coordinates speed/velocity acceleration 2d motion directions