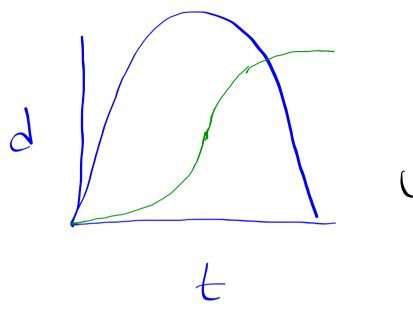
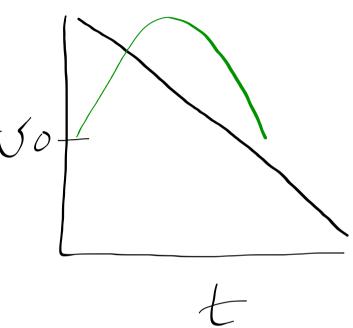
$$X=X_0+V_0t+\frac{1}{2}at^2$$

$$X_{0} = X_{0}$$

$$X = 0$$

$$X =$$





EXAMPLE 1: A bionic bunny bounces along a trail and travels 56 meters 18° west of due north. It spies a hawk, gets scared, and bolts in a direction that is 39° west of due south. Unfortunately, after going 35 meters he encounters a burly bear. For the bionic bouncing bunny to avoid the burly bear, the bouncing bunny darts away in a direction of 27° north of due east and runs for 98 meters. Where does the bunny end up relative to its starting point?

to combine multiple vectors:

1. Draw a picture

2. Break all vectors into (x,y) components

3. Combine all x,y coordinates

4. Convert to Q, O (if necessary)

