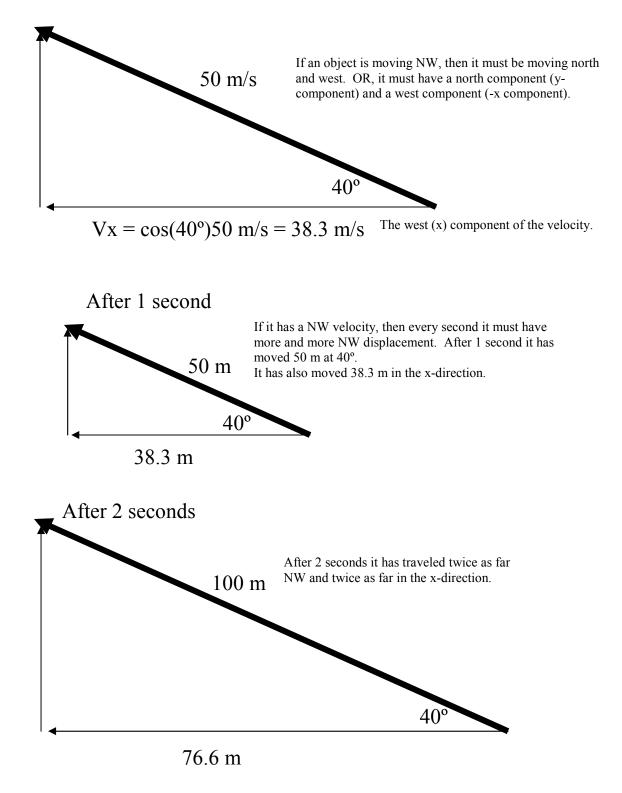
Objects Moving at Angles

Example of an object moving at an angle.

Q: The object is moving 50 m/s at 40°. How far west does it go after 2 seconds?



Whatever motion the object undergoes at 40°, it will have x and y components of this motion, whether you are referring to its acceleration, velocity, or direction.