

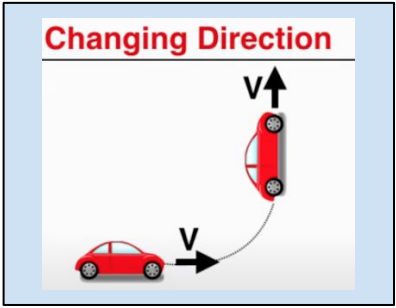
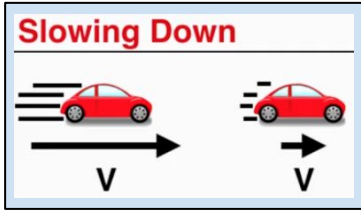
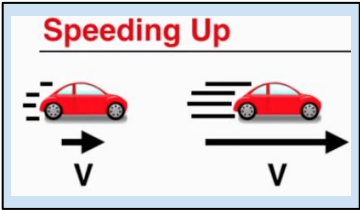
Time (t)

Velocity (v)

Acceleration: (a) (m/s/s)
 $(v_{\text{final}} - v_{\text{initial}}) / \text{Time}$

Directions:
East (+), West (-)
North (+), South (-)

3 Ways an Object Can Accelerate



Velocity and acceleration are in **the same** direction. Both positive or Both negative

Velocity and acceleration are in **opposite** directions.

No change in velocity.