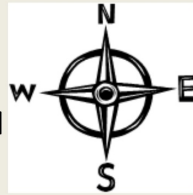


# Velocity

4

- **Velocity:**

- speed in a given direction
- Uses the same equation and units as speed



**Example problem**

You ride your bike 200 meters north in 50 seconds. What is your velocity?

Distance = 200 m    time = 50 sec    direction = north

$$V = d/t \text{ direction}$$

$$V = 200 \text{ m}/50 \text{ s north}$$

$$V = 4 \text{ m/s north}$$