



## Vocabulary: Distance-Time Graphs



### Vocabulary

- Speed – how fast an object is moving.
  - Average speed is calculated by dividing the total distance traveled by the elapsed time:  $speed = d / t$ .
  - For example, the average speed of a runner who travels 56 meters in 8 seconds is  $56 \div 8 = 7$  m/s.
  - Speed is never negative.
- y-intercept – the  $y$ -coordinate where a graph intersects the  $y$ -axis.
  - In the equation  $y = mx + b$ ,  $b$  is the  $y$ -intercept.

