**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 ÷ 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.