

### Cheetah Chase Worksheet

Use the top speed comparison graph to fill in the blanks on the chart below.

Letter	Slope (Rate of Change)	Animal	How did you calculate your answer?
	$\frac{130 \text{ feet}}{2 \text{ seconds}}$	Hare	
E		Warthog	
B		Impala	
	$\frac{420 \text{ feet}}{4 \text{ seconds}}$	Cheetah	
D		Sable	

1. How did you calculate your rate of change?
2. Which animal was the second fastest animal on the graph?
3. Which animal(s) would the Cheetah have been able to catch within the 480 feet shown on the graph.