Name: _____

$$\text{average speed} = \frac{\text{distance}}{\text{time}}$$

use measuring tape (centimeters or meters)

use timer (seconds)

Hot Wheels Ramp (on the track, only)

distance (include units)				average speed (include units
time (include units)		=		

Hot Wheels Jump (on the track, only)

distance (include units)				average speed (include units
time (include units)		=		

Constant Velocity Car (on the track, only)

distance (include units)				average speed (include units
time (include units)		=		

Rev Up Car (on the track, only)

distance (include units)				average speed (include units
time (include units)		=		

Questions

1. Which average speed best represents what the car was doing the whole time? Why?

 2. Which average speed is the worst representation of what the car was actually doing? Why?

3. Which average speed do you think would match up most closely with what your classmates measured? Why?

4. Which one had the highest average speed? What was it about the situation that made it the highest?

5. Are police officers most interested in your average speed or in your speed at any given moment? Why?