Name_		Date	Period
	Kinematics Constant S _I		
your hor a gr	ontinue practicing the idea of speed. While you ead, construct a model showing what is happeraph, the models should provide the reader with tand the problem without reading it.	ning in the problem.	Whether it be a picture,
1)	Does a car speedometer measure speed, veloc	city, or both? Explain	l.
2)	When an object moves with constant velocity interval differ from its instantaneous velocity	•	
3)	What must your car's average speed be in ord	der to travel 235 km i	in 2.75 h?
4)	If you are driving 95 km/h along a straight ro do you travel during this inattentive period?	ad and you look to th	ne side for 2.0 s, how far

You are driving home from school steadily at 95 km/h for 180 km. It then begins to rain and you slow to 65 km/h. You arrive home after driving 4.5 h. a) How far is your hometown from school?
b) What was your average speed?
A horse trots away from its trainer in a straight line, moving 38m away in 9.0s. It then turns abruptly and gallops halfway back in 1.8 s. Calculate a) the horse's average speed
b) the horse's average velocity for the entire trip, using "away from the trainer" as the positive direction.
Two locomotives approach each other on parallel tracks. Each has a speed of 155 km/h with respect to the ground. If they are initially 8.5 km apart, how long will it be before they reach each other?