

Calculating Average Speed

Name _____ Date _____ Class _____

<p>1.) Calculate the velocity of a car that can go 130 feet in 30 seconds. Give the answer in Meters/sec.</p>	<p>4.) <i>TGV</i> (Train à Grande Vitesse) is a world record high speed train. The TGV has reached a speed of 515.3 km/h. How long would it take the train to circumnavigate the Earth at its equator (24,830 miles)?</p>
<p>2.) If a woman runs at an average speed of 7.3 mph, how far would she get in 1 minute? Find it in meters per second (m/s).</p>	<p>5.) A robot travels 20m in 3.4s what is the robots average velocity?</p>
<p>3.) The highest speed solar powered vehicle has a top speed of 48.71 mph. At that speed, how far could it go in 3 hours? Answer in meters per second.</p>	<p>6.) Measure your own average velocity? Mark off 50 yds. and using a stopwatch, measure your own average velocity in (m/s) then in miles per hour (mph).</p>