



Math worksheet on 'Speed - Distance and Time to Speed - Variables (Level 1)'. Part of a broader unit on 'Speed, Distance, and Time - Intro'

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<p><b>1</b></p> <p>A car drives for X hr and goes Z km. How fast is this in km/hr?</p>	<p><b>a</b></p> $\frac{Z}{X} \text{ km/hr}$	<p><b>b</b></p> $ZX \text{ km/hr}$
	<p><b>c</b></p> $\frac{1}{ZX} \text{ km/hr}$	<p><b>d</b></p> $\frac{X}{Z} \text{ km/hr}$

<p><b>2</b></p> <p>A car drives P km in Z ms. How fast is this in km/ms?</p>	<p><b>a</b></p> $\frac{Z}{P} \text{ km/ms}$	<p><b>b</b></p> $\frac{P}{Z} \text{ km/ms}$
	<p><b>c</b></p> $PZ \text{ km/ms}$	<p><b>d</b></p> $\frac{1}{PZ} \text{ km/ms}$

<p><b>3</b></p> <p>A car drives C m in P min. How fast is this in m/min?</p>	<p><b>a</b></p> $\frac{C}{P} \text{ m/min}$	<p><b>b</b></p> $\frac{1}{CP} \text{ m/min}$
	<p><b>c</b></p> $CP \text{ m/min}$	

<p><b>4</b></p> <p>A car drives N m in P ms. How fast is this in m/ms?</p>		
<p><b>a</b></p> $\frac{1}{NP} \text{ m/ms}$	<p><b>b</b></p> $\frac{P}{N} \text{ m/ms}$	<p><b>c</b></p> $\frac{N}{P} \text{ m/ms}$

<p><b>5</b></p> <p>A car drives D cm in C ms. How fast is this in cm/ms?</p>	<p><b>a</b></p> $\frac{1}{DC} \text{ cm/ms}$	<p><b>b</b></p> $\frac{C}{D} \text{ cm/ms}$
	<p><b>c</b></p> $\frac{D}{C} \text{ cm/ms}$	<p><b>d</b></p> $DC \text{ cm/ms}$

<p><b>6</b></p> <p>A car drives for Y hr and goes X mm. How fast is this in mm/hr?</p>	<p><b>a</b></p> $\frac{1}{XY} \text{ mm/hr}$	<p><b>b</b></p> $\frac{Y}{X} \text{ mm/hr}$
	<p><b>c</b></p> $\frac{X}{Y} \text{ mm/hr}$	

<p><b>7</b></p> <p>A car drives for C hr and goes Z m. How fast is this in m/hr?</p>	<p><b>a</b></p> $\frac{Z}{C} \text{ m/hr}$	<p><b>b</b></p> $\frac{1}{ZC} \text{ m/hr}$
	<p><b>c</b></p> $\frac{C}{Z} \text{ m/hr}$	<p><b>d</b></p> $ZC \text{ m/hr}$