



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

Learn online: [app.mobius.academy/math/units/speed\\_distance\\_time\\_practice/](http://app.mobius.academy/math/units/speed_distance_time_practice/)

1	a	$\frac{P}{1,000C} m/ms$	b	$\frac{1,000C}{P} m/ms$
	c	$\frac{C}{1,000P} m/ms$	d	$\frac{1}{CP} m/ms$
A car drives for P ms and goes C mm. How fast is this in m/ms?				

2	a	$\frac{10X}{D} mm/s$	b	$\frac{1}{10XD} mm/s$
	c	$\frac{X}{10D} mm/s$	d	$\frac{10D}{X} mm/s$
A car drives for D s and goes X cm. How fast is this in mm/s?				

3	a	$\frac{10C}{Z} cm/hr$	b	$\frac{Z}{10C} cm/hr$
	c	$\frac{1}{CZ} cm/hr$	d	$\frac{C}{10Z} cm/hr$
A car drives C mm in Z hr. How fast is this in cm/hr?				

4	a	$\frac{100R}{Z} cm/s$	b	$\frac{100Z}{R} cm/s$
	c	$\frac{1}{100RZ} cm/s$	d	$\frac{Z}{100R} cm/s$
A car drives for Z s and goes R m. How fast is this in cm/s?				

5	a	$\frac{1,000R}{C} mm/s$
	b	$\frac{1,000C}{R} mm/s$
	c	$1,000RC mm/s$
	d	$\frac{1}{1,000RC} mm/s$
A car drives for C s and goes R m. How fast is this in mm/s?		

6	a	$\frac{1,000P}{C} km/s$	b	$PC km/s$
	c	$\frac{1,000C}{P} km/s$	d	$\frac{P}{1,000C} km/s$
A car drives for C s and goes P m. How fast is this in km/s?				

7	a	$\frac{Z}{1,000D} m/s$	b	$\frac{1,000Z}{D} m/s$
	c	$1,000DZ m/s$	d	$\frac{1,000D}{Z} m/s$
A car drives D km in Z s. How fast is this in m/s?				