Name:_____

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Math worksheet on *'Speed - Distance and Time to Speed - Variables, Changed Time 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/

1 A car drives for Z hr and goes R km. How fast is this in km/min?

a $\frac{Z}{60R}$ km/min	**b** $\frac{}{R}$ km/min
c $\frac{1}{RZ}$ km/min	**d** $\frac{R}{60Z}$ km/min

2 A car drives for D hr and goes B cm. How fast is this in cm/min?

a $\frac{B}{60D}$ cm/min	**b** $\frac{}{B}$ cm/min
c $\frac{BD}{60}$ cm/min	**d** $\frac{60B}{D}$ cm/min

3 A car drives B mm in Z s. How fast is this in mm/ms?

a $\frac{1,000B}{Z}$ mm/ms	**b** $\frac{1}{BZ}$ mm/ms
c $\frac{Z}{1,000B}$ mm/ms	**d** $\frac{B}{1,000Z}$ mm/ms

4 A car drives for C hr and goes D m. How fast is this in m/min?

a $\frac{1}{DC}$ m/min	**b** $\frac{C}{60D}$ m/min
c $\frac{D}{60C}$ m/min	**d** $\frac{}{D}$ m/min

5 A car drives for Y ms and goes N mm. How fast is this in mm/s?

a $\frac{1,000}{N}$ mm/s	**b** $\frac{1,000Y}{N}$ mm/s
c $\frac{1,000N}{Y}$ mm/s	**d** $\frac{1}{1,000NY}$ mm/s

6 A car drives X m in P min. How fast is this in m/hr?

a $\frac{60X}{P}$ m/hr	**b** $\frac{X}{60P}$ m/hr
c $\frac{60XP}{}$ m/hr	**d** $\frac{60P}{X}$ m/hr

7 A car drives N m in C hr. How fast is this in m/d?

a	**b**	**c**	**d**
$\frac{24N}{C}$ m/d	$24NC$ m/d	$\frac{24C}{N}$ m/d	$\frac{24}{N}$ m/d