



Math worksheet on 'Speed - Distance and Speed to Time - 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/

1

a $\frac{1,000N}{P} ms$	b $\frac{1}{PN} ms$
c $PN ms$	d $\frac{1,000P}{N} ms$

A car drives at P m/ms and goes N km. How many ms does it take?

2

A car drives for D cm at M mm/hr. How many hr does it take?

a $\frac{1}{MD} hr$	b $\frac{10D}{M} hr$	c $\frac{D}{10M} hr$	d $\frac{10M}{D} hr$
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3

a $\frac{1,000N}{X} d$	b $\frac{N}{1,000X} d$
c $1,000XN d$	d $\frac{1}{1,000XN} d$

A car drives for N m at X km/d. How many d does it take?

4

A car drives for Y m at C mm/d. How many d does it take?

a $\frac{Y}{1,000C} d$	b $\frac{1,000Y}{C} d$	c $\frac{1}{CY} d$	d $CY d$
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5

a $\frac{1}{DZ} min$	b $\frac{1,000Z}{D} min$
c $DZ min$	d $\frac{D}{1,000Z} min$

A car drives for Z m at D mm/min. How many min does it take?

6

A car drives at C m/s and goes R mm. How many s does it take?

a $\frac{1,000R}{C} s$	b $\frac{C}{1,000R} s$	c $\frac{1}{1,000CR} s$	d $\frac{R}{1,000C} s$
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7

A car drives at D m/hr and goes C km. How many hr does it take?

a $\frac{1,000D}{C} hr$	b $\frac{D}{1,000C} hr$	c $\frac{C}{1,000D} hr$	d $\frac{1,000C}{D} hr$
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