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 car drives at N cm/d and goes C m. How many d does it take?

a	b	c	d
$\frac{100N}{C}\ d$	$\frac{N}{100C}\ d$	$\frac{C}{100N}\ d$	$\frac{100C}{N}\ d$

2

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

a	b	c	d
$\frac{1,000Z}{N}\ s$	$\frac{1,000N}{Z}\ s$	$\frac{Z}{1,000N}\ s$	$\frac{1}{NZ}\ s$

3

A car drives for Z km at B m/s. How many s does it take?

a	b	c	d
$\frac{1,000Z}{B}\ s$	$\frac{1,000B}{Z}\ s$	$\frac{1}{BZ}\ s$	$BZ\ s$

4

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

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

5

A car drives at M mm/s and goes D cm. How many s does it take?

a	b	c	d
$\frac{10D}{M}\ s$	$\frac{M}{10D}\ s$	$\frac{D}{10M}\ s$	$\frac{10M}{D}\ s$

6

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

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

7

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

a	b	c	d
$\frac{10P}{Y}\ d$	$\frac{P}{10Y}\ d$	$\frac{10Y}{P}\ d$	$\frac{Y}{10P}\ d$