



Math worksheet on 'Speed - Speed and Time to Distance - 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 Z cm/d for C d. How many m does it travel?

a	b	c	d
$\frac{ZC}{100} m$	$\frac{100C}{Z} m$	$ZC m$	$\frac{100Z}{C} m$

2

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

a	b
$\frac{10Y}{N} mm$	$10YN mm$
c	d
$\frac{N}{10Y} mm$	$\frac{1}{10YN} mm$

3

A car drives for R s at M cm/s. How many m does it travel?

a	b	c	d
$\frac{M}{100R} m$	$\frac{100R}{M} m$	$\frac{MR}{100} m$	$\frac{R}{100M} m$

4

A car drives for M s at P cm/s. How many mm does it travel?

a	b
$\frac{P}{10M} mm$	$\frac{10M}{P} mm$
c	d
$10PM mm$	$\frac{1}{10PM} mm$

5

A car drives for Y hr at X m/hr. How many cm does it travel?

a	b
$\frac{X}{100Y} cm$	$\frac{Y}{100X} cm$
c	d
$100XY cm$	$\frac{100X}{Y} cm$

6

A car drives for P ms at M m/ms. How many km does it travel?

a	b
$\frac{MP}{1,000} km$	$\frac{P}{1,000M} km$
c	d
$\frac{M}{1,000P} km$	$\frac{1,000M}{P} km$

7

A car drives at R m/s for P s. How many cm does it travel?

a	b
$\frac{R}{100P} cm$	$\frac{100R}{P} cm$
c	d
$\frac{P}{100R} cm$	$100RP cm$