Math worksheet on *'Speed - Distance and Speed to Time - 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 B mm at X mm/min. How many hr does it take?

a	b	c	d
$\frac{X}{60B}\ hr$	$\frac{B}{60X}\ hr$	$\frac{60B}{X}\ hr$	$\frac{60}{X}\ hr$

2

A car drives for X mm at B mm/d. How many hr does it take?

a	b	c	d
$\frac{24X}{B}\ hr$	$\frac{B}{24X}\ hr$	$\frac{1}{BX}\ hr$	$\frac{X}{24B}\ hr$

3

A car drives at Z cm/min and goes B cm. How many s does it take?

a	b	c	d
$\frac{60Z}{B}\ s$	$\frac{60B}{Z}\ s$	$\frac{B}{60Z}\ s$	$\frac{}{Z}\ s$

4

A car drives at Z m/min and goes X m. How many hr does it take?

a	b	c	d
$\frac{X}{60Z}\ hr$	$\frac{1}{60ZX}\ hr$	$\frac{}{60ZX}\ hr$	$\frac{60}{Z}\ hr$

5

A car drives at Z m/hr and goes M m. How many d does it take?

a	b	c	d
$\frac{24M}{Z}\ d$	$\frac{24Z}{M}\ d$	$\frac{M}{24Z}\ d$	$\frac{Z}{24M}\ d$

6

A car drives for N m at Y m/hr. How many min does it take?

a	b	c	d
$\frac{60N}{Y}\ min$	$\frac{YN}{60}\ min$	$\frac{}{Y}\ min$	$\frac{1}{YN}\ min$

7

A car drives for Y km at C km/min. How many hr does it take?

a	b	c	d
$\frac{60}{C}\ hr$	$\frac{}{60CY}\ hr$	$\frac{60C}{Y}\ hr$	$\frac{Y}{60C}\ hr$