



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 C km at M km/ms. How many s does it take?

a

$$\frac{1,000C}{M} s$$

b

$$\frac{C}{1,000M} s$$

c

$$\frac{1,000}{M} s$$

d

$$\frac{M}{1,000C} s$$

2

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

a

$$\frac{1}{60NB} min$$

b

$$\frac{B}{60N} min$$

c

$$\frac{60NB}{60N} min$$

d

$$\frac{60N}{B} min$$

3

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

a

$$\frac{60X}{N} min$$

b

$$\frac{60N}{X} min$$

c

$$\frac{X}{60N} min$$

d

$$\frac{1}{N} min$$

4

A car drives for X mm at M mm/s. How many min does it take?

a

$$\frac{M}{60X} min$$

b

$$\frac{60MX}{60X} min$$

c

$$\frac{X}{60M} min$$

d

$$\frac{1}{60MX} min$$

5

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

a

$$\frac{1}{60CP} hr$$

b

$$\frac{60CP}{60P} hr$$

c

$$\frac{C}{60P} hr$$

d

$$\frac{P}{60C} hr$$

6

A car drives for N m at D m/s. How many ms does it take?

a

$$\frac{DN}{1,000} ms$$

b

$$\frac{1,000N}{D} ms$$

c

$$\frac{N}{1,000D} ms$$

d

$$\frac{1,000D}{N} ms$$

7

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

a

$$\frac{60N}{C} hr$$

b

$$\frac{1}{60NC} hr$$

c

$$\frac{N}{60C} hr$$

d

$$\frac{C}{60N} hr$$