Math worksheet on *'Speed - Distance and Time to Speed - 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 for P d and goes Z mm. How fast is this in m/d?

a $ZP\ m/d$

b $\frac{P}{1,000Z}\ m/d$

c $\frac{1}{ZP}\ m/d$

d $\frac{Z}{1,000P}\ m/d$

2

A car drives P km in Y d. How fast is this in m/d?

a $\frac{Y}{1,000P}\ m/d$

b $\frac{1,000Y}{P}\ m/d$

c $\frac{1,000P}{Y}\ m/d$

d $\frac{1}{1,000PY}\ m/d$

3

A car drives P mm in B s. How fast is this in cm/s?

a $\frac{1}{PB}\ cm/s$

b $\frac{B}{10P}\ cm/s$

c $\frac{10B}{P}\ cm/s$

d $\frac{P}{10B}\ cm/s$

4

A car drives for C s and goes X cm. How fast is this in mm/s?

a $\frac{10X}{C}\ mm/s$

b $\frac{X}{10C}\ mm/s$

c $\frac{1}{10XC}\ mm/s$

d $\frac{10C}{X}\ mm/s$

5

A car drives for R s and goes Y km. How fast is this in m/s?

a $\frac{1,000Y}{R}\ m/s$

b $\frac{Y}{1,000R}\ m/s$

c $\frac{R}{1,000Y}\ m/s$

d $1,000YR\ m/s$

6

A car drives B m in X ms. How fast is this in km/ms?

a $\frac{1,000X}{B}\ km/ms$

b $\frac{B}{1,000X}\ km/ms$

c $\frac{1,000B}{X}\ km/ms$

d $\frac{X}{1,000B}\ km/ms$

7

A car drives C cm in N min. How fast is this in mm/min?

a $10CN\ mm/min$

b $\frac{10C}{N}\ mm/min$

c $\frac{C}{10N}\ mm/min$

d $\frac{1}{10CN}\ mm/min$