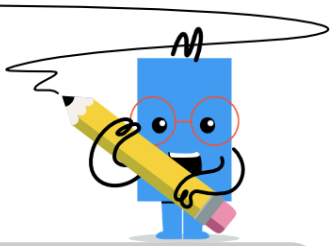
Name

Speed - Distance and Time to Speed - Variables, Changed Time Units



1 A car drives Y mm in R hr. How fast is this in mm/d?

A $\frac{1}{24YR}\ mm/d$

B $\frac{24YR}{}\ mm/d$

C $\frac{24R}{Y}\ mm/d$

D $\frac{24Y}{R}\ mm/d$

2 A car drives for R hr and goes X km. How fast is this in km/min?

A $\frac{R}{60X}\ km/min$

B $\frac{1}{XR}\ km/min$

C $\frac{60R}{X}\ km/min$

D $\frac{X}{60R}\ km/min$

3 A car drives for Z hr and goes R km. How fast is this in km/min?

A $\frac{R}{60Z}\ km/min$

B $\frac{}{R}\ km/min$

C $\frac{1}{RZ}\ km/min$

D $\frac{Z}{60R}\ km/min$

4 A car drives for X s and goes M m. How fast is this in m/ms?

A $\frac{MX}{1,000}\ m/ms$

B $\frac{1,000X}{M}\ m/ms$

C $\frac{M}{1,000X}\ m/ms$

D $\frac{1}{MX}\ m/ms$

5 A car drives for X s and goes B m. How fast is this in m/min?

A $\frac{60X}{B}\ m/min$

B $\frac{X}{60B}\ m/min$

C $\frac{60B}{X}\ m/min$

D $\frac{60}{B}\ m/min$

6 A car drives for Z hr and goes C mm. How fast is this in mm/d?

A $\frac{24C}{Z}\ mm/d$

B $\frac{C}{24Z}\ mm/d$

C $\frac{1}{24CZ}\ mm/d$

D $\frac{24Z}{C}\ mm/d$

7 A car drives for Y ms and goes X km. How fast is this in km/s?

A $\frac{1,000X}{Y}\ km/s$

B $\frac{1,000Y}{X}\ km/s$

C $\frac{Y}{1,000X}\ km/s$

D $\frac{X}{1,000Y}\ km/s$

8 A car drives P cm in Y min. How fast is this in cm/s?

A $\frac{P}{60Y}\ cm/s$

B $\frac{Y}{60P}\ cm/s$

C $\frac{60P}{Y}\ cm/s$

D $\frac{}{P}\ cm/s$