



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

1

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

A $\frac{1,000Y}{R} m$	B $\frac{Y}{1,000R} m$	C $\frac{R}{1,000Y} m$	D $\frac{RY}{1,000} m$
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2

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

A $\frac{M}{1,000P} km$	B $\frac{P}{1,000M} km$
C $\frac{1,000M}{P} km$	D $\frac{MP}{1,000} km$

3

A car drives for Y s at B m/s. How many mm does it travel?

A $1,000BY mm$	B $\frac{1}{1,000BY} mm$
C $\frac{1,000B}{Y} mm$	D $\frac{Y}{1,000B} mm$

4

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

A $\frac{100X}{Y} cm$	B $\frac{Y}{100X} cm$
C $\frac{X}{100Y} cm$	D $100XY cm$

5

A car drives at B mm/hr for P hr. How many m does it travel?

A $\frac{P}{1,000B} m$	B $\frac{BP}{1,000} m$	C $\frac{1,000P}{B} m$	D $\frac{1,000B}{P} m$
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6

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

A $\frac{XY}{1,000} m$	B $\frac{Y}{1,000X} m$	C $\frac{1,000X}{Y} m$	D $\frac{1}{XY} m$
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7

A car drives for Y min at D mm/min. How many m does it travel?

A $DY m$	B $\frac{DY}{1,000} m$	C $\frac{1,000D}{Y} m$	D $\frac{Y}{1,000D} m$
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8

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

A $\frac{1}{100CN} cm$	B $\frac{N}{100C} cm$
C $\frac{100N}{C} cm$	D $100CN cm$