Math worksheet on *'Speed - Speed and Time to Distance - 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 D d at M cm/hr. How many cm does it travel?

- **a** $24MD\ cm$
- **b** $\frac{24M}{D}\ cm$
- **c** $\frac{1}{24MD}\ cm$
- **d** $\frac{24}{M}\ cm$

2

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

- **a** $\frac{1}{24XB}\ cm$
- **b** $\frac{B}{24X}\ cm$
- **c** $\frac{24X}{B}\ cm$
- **d** $24XB\ cm$

3

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

- **a** $\frac{60C}{Z}\ m$
- **b** $\frac{CZ}{60}\ m$
- **c** $\frac{1}{CZ}\ m$
- **d** $\frac{C}{60Z}\ m$

4

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

- **a** $60XB\ m$
- **b** $\frac{60XB}{}\ m$
- **c** $\frac{1}{60XB}\ m$
- **d** $\frac{60}{X}\ m$

5

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

- **a** $\frac{}{X}\ mm$
- **b** $\frac{60X}{N}\ mm$
- **c** $\frac{XN}{60}\ mm$
- **d** $\frac{N}{60X}\ mm$

6

A car drives for N min at P km/s. How many km does it travel?

- **a** $\frac{60PN}{}\ km$
- **b** $\frac{60}{P}\ km$
- **c** $\frac{60N}{P}\ km$
- **d** $60PN\ km$

7

A car drives at P km/d for D hr. How many km does it travel?

- **a** $\frac{24D}{P}\ km$
- **b** $\frac{PD}{24}\ km$
- **c** $\frac{1}{PD}\ km$
- **d** $\frac{24P}{D}\ km$

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