

Solve distance, rate and time problems for any unknown

NAME	DATE	SCORE / 10
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1 A train goes 50 kilometres per hour.
How many hours does the train take to go 75 kilometres?

2 Dev walks at 4 kilometres per hour.
Ana says Dev takes 1.5 minutes to walk 6 kilometres, because $6 \div 4 = 1.5$. How many minutes does Dev take to walk 6 kilometres?

3 A train travels at a steady speed for 2 hours. What else do you need to know to find how far it goes?

- ☐ How long the train travels
 ☐ How heavy the train is
 ☐ The speed of the train
☐ How many cars the train has

4 A bus goes 64 kilometres per hour.
How many kilometres does the bus go in 30 minutes?

5 A bus goes 48 kilometres per hour.
Dev says the bus goes 4,320 kilometres in 90 minutes, because $48 \times 90 = 4,320$. How many kilometres does the bus go in 90 minutes?

6 A train travels at a steady 100 km an hour. What else do you need to know to find how far it goes?

- ☐ How far the train goes
 ☐ The speed of the train
 ☐ How long the train travels
☐ How many cars the train has

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- 7** Noah rides a bike 7 kilometres in 30 minutes. What is Noah's speed, in kilometres per hour?

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- 9** Leo walks at 2 kilometres per hour. How many minutes does Leo take to walk 3 kilometres?

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- 8** A bus goes 40 kilometres per hour. Ben says the bus goes 1,200 kilometres in 30 minutes, because $40 \times 30 = 1,200$. How many kilometres does the bus go in 30 minutes?

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- 10** A car goes 58 kilometres per hour for 4 hours. How many kilometres does the car go?

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1	1.5	2	90
3	The speed of the train	4	32
5	72	6	How long the train travels
7	14	8	20
9	90	10	232