

Solve distance, rate and time problems for any unknown

NAME	DATE	SCORE / 10
------	------	------------

1 Noah rides a bike 5 kilometres in 30 minutes. What is Noah's speed, in kilometres per hour?

2 Emma walks at 4 kilometres per hour. Dev says Emma takes 0.5 minutes to walk 2 kilometres, because $2 \div 4 = 0.5$. How many minutes does Emma take to walk 2 kilometres?

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

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

4 A car goes 59 kilometres per hour for 3 hours. How many kilometres does the car go?

5 A bus goes 56 kilometres per hour. Dev says the bus goes 1,680 kilometres in 30 minutes, because $56 \times 30 = 1,680$. How many kilometres does the bus go in 30 minutes?

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

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

-
- 7** A bus goes 64 kilometres per hour.
How many kilometres does the bus go
in 90 minutes?

-
- 9** Emma rides a bike 4 kilometres in 20
minutes. What is Emma's speed, in
kilometres per hour?

-
- 8** A bus goes 44 kilometres per hour.
Leo says the bus goes 660 kilometres
in 15 minutes, because $44 \times 15 = 660$.
How many kilometres does the bus go
in 15 minutes?

-
- 10** Ben walks at 4 kilometres per hour.
How many minutes does Ben take to
walk 3 kilometres?

Solve distance, rate and time problems for any unknown

1 10

2 30

3 How long the train travels

4 177

5 28

6 The speed of the train

7 96

8 11

9 12

10 45