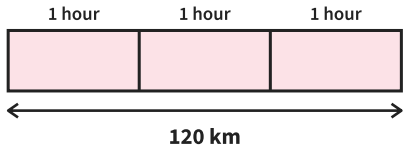
Speed, distance and time

1

A bus travels 120 km in 3 hours.
Find its speed.

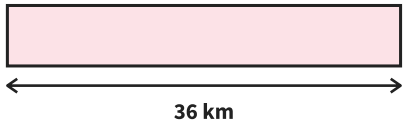


each hour = 120 ÷ 3

Speed (km/h) _____

2

A runner covers 36 km in 4 hours.
Split the bar into hours.
Find the runner's speed.



each hour = _____

Speed (km/h) _____

3

A car travels at 48 km/h for 2.5 hours.
How far does it go?

Time (hours)	1	× 2.5 →	2.5
Distance (km)	48		

distance = _____

Distance (km) _____

4

A plane flies 1800 km at 600 km/h.
How long does the flight take?

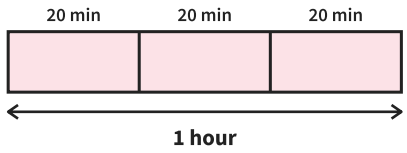
Time (hours)	1	× →	
Distance (km)	600		1800

multiplier = _____

Time (hours) _____

5

A skateboarder rides 7 km in 20 minutes.
The bar is one hour. Find her speed
in km/h.



1 hour = _____

Speed (km/h) _____

6

A drone flies 33 km in 45 minutes.
Find its speed in km/h.

Time (hours)	1	× 0.75 →	0.75
Distance (km)			33

45 minutes = 0.75 hours

speed = _____

Speed (km/h) _____

7

Kai drives 135 km in 1 hour 30 minutes.
He works out 135 ÷ 1.3.
Explain his mistake. Find his speed.

speed = _____

Speed (km/h) _____

8

A courier rides 12 km in 1 hour, then 9 km
in 30 minutes. Find the average speed for
the whole journey.

total distance = _____

total time = _____

speed = _____

Average speed (km/h) _____

Speed, distance and time *further practice*

9

A sprinter runs 100 m in 12.5 seconds. Find her speed in m/s.

Answer _____

10

A tractor drives at 24 km/h for 15 minutes. How far does it go?

Answer _____

11

A ferry crosses 14 km of water at 42 km/h. How many minutes does the crossing take?

Answer _____

12

A minibus travels 210 km at 60 km/h. How long does it take? Give your answer in hours and minutes.

Answer _____

13

Nia runs 6 km in 40 minutes.
Owen runs 4 km in 25 minutes.
Who runs faster? Show your working.

Answer _____

14

A train travels 200 km.
The timetable shows when it leaves and arrives. Work out its average speed in km/h.

	Time
Leaves	10:15
Arrives	12:45

Answer _____

15

Leah cycles 15 km at 10 km/h, then 20 km at 20 km/h. Work out her average speed for the whole ride.

Answer _____

16

Raj walks 6 km at 6 km/h, then another 6 km at 3 km/h. He says his average speed is 4.5 km/h. Is he right? Explain.

Answer _____