

Distance Speed & Time Worksheet

1. A car travels 180 km in 3 hours. Calculate its average speed in km/h.
2. A cyclist covers 24 km in 2 hours. What is her average speed in km/h?
3. A tap fills a tank with 150 litres of water in 30 minutes. What is the rate of flow in litres per minute?
4. A runner completes a 10 km race in 40 minutes. What is his average speed in km/h?
5. A printer prints 300 pages in 25 minutes. How many pages does it print per minute?
6. A lorry carries a load of 2,400 kg over a distance of 600 km using 80 litres of fuel. What is the fuel consumption in km per litre?
7. A train travels 400 km in 5 hours. What is its average speed in m/s? (1 km = 1,000 m)
8. If a machine produces 960 items in 8 hours, how many items does it produce per hour?
9. A car uses 36 litres of petrol to travel 432 km. What is the car's fuel efficiency in km per litre?
10. Water flows through a pipe at a rate of 12 litres per minute. How long will it take to fill a 180-litre tank?
11. A cyclist travels at an average speed of 18 km/h. How far will she travel in 2.5 hours?
12. A factory packs 2,400 boxes in 6 hours. How many boxes are packed per hour?
13. A person walks 4.5 km in 1 hour 30 minutes. What is her average speed in km/h?
14. If a car travels at a speed of 72 km/h, how many metres does it travel in 20 seconds? (1 km = 1,000 m)
15. A pump fills 350 litres of water in 14 minutes. What is the rate of flow in litres per minute?

Maths with Melissa

Answer Key

1. 60 km/h
2. 12 km/h
3. 5 litres per minute
4. 15 km/h
5. 12 pages per minute
6. 7.5 km per litre
7. 22.22 m/s
8. 120 items per hour
9. 12 km per litre
10. 15 minutes
11. 45 km
12. 400 boxes per hour
13. 3 km/h
14. 400 metres
15. 25 litres per minute