



$$\text{Distance} = \text{Speed} \times \text{Time}$$



$$\text{Time} = \frac{\text{Distance}}{\text{Speed}}$$



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SPEED, DISTANCE, TIME CALCULATIONS

1. If you travel at 70 km in 2 hours. What is your average speed?

2. If you walk for 2 hours at an average speed of 4 miles/h. How far will you have walked?

3. A car is travelling at 70 mph. It travels for half an hour. How far has it gone?

HINT: half an hour is 0.5 hours

4. A bus took 2 hour to travel 100 miles. What was its average speed?

5. How long would it take a bike to travel 20 miles if its average speed is 60 mph?

6. If a car is travelling at 50 mph how long would it take for the car to travel 250 miles?

7. A coach travels at 15 mph for 30 minutes. How far has it travelled?

HINT: 30 minutes = 0.5 hours

8. A motor bike was travelling in heavy traffic at an average speed of 24 mph. How far had it travelled after 10 minutes?

9. A car took 9 minutes to travel 3 miles. How fast was it travelling?

10. An aeroplane travel 2000 miles in 2 hours, what is its speed?

11. How long does it take Lewis Hamilton travelling at 150 mph to cover 15 miles?

12. A learner driver travels at a speed of 3km/h for an hour and a half. What distance does it travel?



Calculate the average speed

- 1) A car travels 60 km in 2 hours
- 2) A cyclist travels 18 miles in 1 hour 30 minutes
- 3) A girl cycles 4 km in 20 minutes
- 4) A train travels 140 km in 1 hour 45 minutes
- 5) A car travels 6 km in 5 minutes
- 6) A cyclist travels 3 km in 10 minutes



Calculate the distance

- 1) A car travels at a speed of 40 km/h for 2 hours
- 2) A train travels at a speed of 60 mph for 1 hour 20 minutes
- 3) A cyclist travels at a speed of 20 km/h for 15 minutes
- 4) A snails travels at a speed of 4 cm per minute for 210 seconds
- 5) A car travels at a speed of 72 mph for 35 minutes
- 6) A train travel at a speed of 84 mph for 3 hours 10 minutes



Calculate the time

- 1) A car covers a distance of 150 km at a speed of 60 km/h
- 2) A cyclist covers a distance of 12 km at a speed of 18 km/h
- 3) A train travels a distance of 60 miles at a speed of 80 mph
- 4) A taxi travels a distance of 4 miles at a speed of 24 miles per hour.
- 5) A car travels 100 km at a speed of 80 km/h
- 6) A train travels 210 km at a speed of 90 km/h