

## **Distance and Time Calculations**

- (a) A car travels at 40 km/h for 3 hours. How far has it travelled?
- (b) A runner travels at 8 m/s for 12 seconds. How far have they run?
- (c) The train from Manchester to London travels at 120 km/h for 2 hours 30 minutes. How far does the train travel?
- (d) An insect crawls at a speed of 0.05 m/s for 2 minutes. How far has it travelled?

- (a) A plane makes a journey of 2250 km at a speed of 750 km/h. How long does the journey take?
- (b) An arrow travels at 70 m/s over a distance of 245 metres. How many seconds does it take?
- (c) The bus from Preston to Leeds travels 105 km at an average speed of 70 km/h. How long does the journey take?

- (a) A hiker sets off at 10.30 am and walks for 8.1 km at a speed of 3.6 km/h. At what time do they finish their walk?
- (b) A delivery van travels at 64 km/h for 3 hours 18 minutes. How far has it travelled?
- (c) Kristian rides his bike at a speed of 42 km/h from home to work, a distance of 28 km. How long, in minutes, does it take him?

- (a) Aisha travels at 44 km/h for 45 minutes, then at 50 km/h for 24 minutes. How far does she travel in total?
- (b) The bus sets off from school at 4 pm. It travels 12 km to Edenfield at a speed of 30 km/h. It then travels from Edenfield to Bacup, a distance of 15 km, at a speed of 50 km/h. What time does the bus arrive in Bacup?

## **Distance and Time Calculations**

- (a) A car travels at 40 km/h for 3 hours. How far has it travelled?
- (b) A runner travels at 8 m/s for 12 seconds. How far have they run?
- (c) The train from Manchester to London travels at 120 km/h for 2 hours 30 minutes. How far does the train travel?
- (d) An insect crawls at a speed of 0.05 m/s for 2 minutes. How far has it travelled?

- (a) A plane makes a journey of 2250 km at a speed of 750 km/h. How long does the journey take?
- (b) An arrow travels at 70 m/s over a distance of 245 metres. How many seconds does it take?
- (c) The bus from Preston to Leeds travels 105 km at an average speed of 70 km/h. How long does the journey take?

- (a) A hiker sets off at 10.30 am and walks for 8.1 km at a speed of 3.6 km/h. At what time do they finish their walk?
- (b) A delivery van travels at 64 km/h for 3 hours 18 minutes. How far has it travelled?
- (c) Kristian rides his bike at a speed of 42 km/h from home to work, a distance of 28 km. How long, in minutes, does it take him?

- (a) Aisha travels at 44 km/h for 45 minutes, then at 50 km/h for 24 minutes. How far does she travel in total?
- (b) The bus sets off from school at 4 pm. It travels 12 km to Edenfield at a speed of 30 km/h. It then travels from Edenfield to Bacup, a distance of 15 km, at a speed of 50 km/h. What time does the bus arrive in Bacup?