

Problem Solving - Distance, Speed & Time

1. A girl cycles for 3hrs at a speed of 40 km/h. What distance did she travel?
2. A train travels at a speed of 30mph and travels a distance of 240 miles. How long did it take the train to complete its journey?
3. A car travels a distance of 540 km in 6 hours. What speed did it travel at?
4. John is a runner. He runs the 100m sprint in 106s. What speed did he travel at? (in m/s)
5. A coach travels from the station to the beach, a distance of 576 km away in 6 hrs. The coach is only allowed to travel at a maximum speed of 90km/h. Did the coach break the speed limit?
6. Callum writes down his jog times for each day.
Mon – 15 min
Tue – 10 min
Wed – 12 min
Thu - 5 min
Fri – No jog.

He jogs at a constant speed of 9 km/h. Work out the distance he jogs each day.

On which day did he jog the furthest?