

# Speed, Distance, Time Worksheet.

<http://www.airdrie.n-lanark.sch.uk/airmaths/Speed,%20Distance,%20Time%20Worksheet.pdf>

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 travel 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 10x6s. What speed did he travel at? (in m/s)
5. A cyclist travels 20 km in 4 hrs. What speed did the cyclist cycle at?
6. The distance between two cities is 144 km, it takes me 3 hours to travel between these cities. What speed did I travel at?
7. A coach travels from the station to the beach, a distance of 576 km away in 6hrs. The coach is only allowed to travel at a maximum speed of 90km/h. Did the coach break the speed limit?
8. At the equator, the earth spins a distance of 25,992miles every day. What speed does the Earth spin at in mph?
9. Lauren walks 100m in half a minute. What must her speed have been to travel this distance?
10. A mouse runs a distance of 2 metres in 15 seconds. What is it's speed?
11. Jim travelled at a speed of 18 km/h for 2 hours. What was the distance covered?
12. Marc was told his dinner would be ready at 18:00. He left his house at 12:00 and travelled in his car at an average speed of 45mph to his mum's house 300 miles away. Did Marc make it home in time for dinner?
13. A whale swims at a constant speed of 8m/s for 17s. What distance did it travel?
14. 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?
15. How long does it take to drive a distance of 260 miles at a speed of 65mph?

Answers

Speed, Distance, Time Answers.

- 1) 120km
- 2) 8 hours
- 3) 90km/h
- 4) 9.4m/s
- 5) 5km/h
- 6) 48km/h
- 7) Yes, it travelled at 96km/h
- 8) 1083mph
- 9) 3.33m/s
- 10) 0.13m/s
- 11) 36km
- 12) No, he arrived at 18:40
- 13) 136m
- 14) Mon – 2.25km Tue – 1.5km Wed – 1.8km Thu – 0.75km. He travelled furthest on Monday
- 15) 4 hours