**Speed Distance Time Homework**

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| **Literacy**speed, miles, kilometres, unit, average, formula | **Research**Who is the fastest 100m runner in the world? Compare his speed to the speed of land animals – give examples of animals that can run faster. | **Memory**Memorise the formulahttp://s2.hubimg.com/u/6149219_f260.jpg$speed= \frac{distance}{time}$  |
| **Skills**

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| 1. Ben cycled 20 miles in 2 hours. What was his average speed in mph?
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| 1. Mark drove 50km in 4 hours. What was his average speed in km/h?
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| 1. A horse travelled 20 miles at a speed of 10 mph. How long did this take?
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| 1. Helen walked at 4 mph for 2 hours. What distance did she travel?
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| 1. Joe ran at 6km/h for 30 minutes. How far did he run?
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| 1. A coach went 25 miles in 30 minutes. What was its average speed in mph?
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 | **Stretch**1. Polly drove 60 km in 40 minutes. What was her average speed in km/h?
2. Tej ran 2,000 metres in 15 minutes. What was his average speed in km/h?
3. A middle distance runner runs at an average speed of 6 m/s. How long will it take him to run 1.5km? Give your answer in minutes.
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**Answers**

Skills

1. 10mph
2. 12.5km/h
3. 2 hours
4. 8 miles
5. 3km
6. 50mph

Stretch

1. 90km/h
2. 8km/h
3. 4 minutes 10 seconds (4$\frac{1}{6}$ minutes)