Speed, Distance and Time

1. Calculate the average speeds of the following, taking care to write the calculation and the correct units.

   a) Sandra drives 90 miles in 2 hours.
   b) Brendan jogs 24 metres in 8 seconds.
   c) Sammy the Slug crawls 10cm in $2\frac{1}{2}$ hours.

2. Calculate how far was travelled in each of these cases. (Calculation and units required)

   a) Elena drove for 3 hours at an average speed of 40 mph.
   b) Gary the greyhound ran at an average speed of 18 metres per second for 10 seconds.
   c) Cedric walked for $6\frac{1}{4}$ hours at an average speed of 4 kilometres per hour.

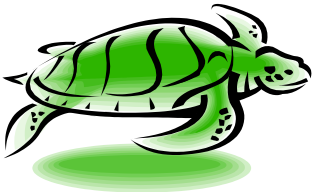
3. Now calculate how much time each of these took. (Calculation and units still required)

   a) Homer drove 300 miles at an average speed of 50 mph.
   b) Tasia ran 100 metres at an average speed of 5 metres per second.
   c) Tony the Tortoise travelled 10 metres at an average speed of 4 metres per minute.

4. 

   The Easter Bunny took one hour 30 minutes to deliver his eggs.
   If he travelled 225 miles altogether, calculate his average speed.

5. Sid drove at an average speed of 40 mph for 100 miles.
How long did this take him?
(Give answer in hours and minutes)

6. 

Thomas the Turtle has been swimming for 2 hours 15 mins. His average speed is 4 km/h.
How far has he swum?

7. The train timetable from Glasgow to Oban is shown below.
If the train travels an average speed of 50 mph between Dumbarton and Oban, calculate the distance between the two towns.

Glasgow	08:50	13:30
Dumbarton	09:10	13:50
Crianlarich	10:00	14:40
Taynuilt	10:25	15:05
Oban	10:40	15:20

8. Anita leaves home at 08:45.
She is driving to a meeting 108 miles away.
She wants to arrive at 11:00.
If she is to arrive exactly on time, at what average speed will she have to drive?