

N4 Applications of Maths – Distance, Speed, Time

1. How many **minutes** are there in:

a) $\frac{1}{4}$ of an hour

b) $\frac{1}{2}$ an hour

c) $\frac{3}{4}$ of an hour

d) $\frac{1}{10}$ of an hour

e) $\frac{1}{3}$ of an hour

f) $\frac{2}{3}$ of an hour?

2. Iain walked from his parents' farm into town at a steady speed of 5km/h. The journey took 3 hours. How far did Iain walk?

3. Shona cycles at an average speed of 8km/h. How far has she travelled if she cycles for 4 hours?



4. The Royal Scot train leaves Glasgow at 1000 hours and reaches London at 1500. If the distance is 630 km, what is the average speed of the train?

5. A jet airliner leaves New York and flies to London 6600 km away.

How long is the flight if the jet flies at an average speed of 800 km/h?



6. If a man walks at an average speed of 6 km/h, how far does he walk in 90 minutes?

7. Joanna drives for 400km at an average speed of 80km/h. How long was her journey?

8. A horse runs for 2 and a half hours at a speed of 8 mph. How far does it run?

