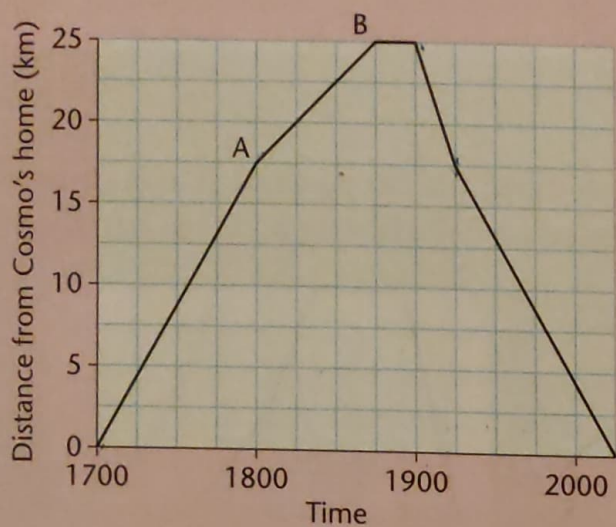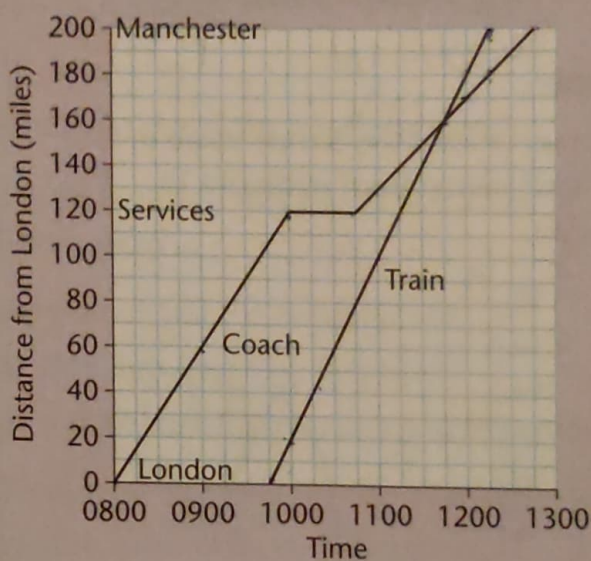# B

Cosmo cycles to the base of a tall hill (Point A), rides up to the summit (Point B), enjoys the view and then returns home.

1. How far is it from Cosmo's house:
   a) to the base of the hill (A)
   b) to the summit of the hill (B)?

2. At what time did Cosmo:
   a) begin the return journey
   b) arrive back at home?

3. How long did he spend enjoying the view?

4. How long did it take him to cycle:
   a) from his home to the base of the hill
   b) from the base of the hill to the summit?

5. Give the speed in kilometres per hour at which Cosmo cycled on his return journey:
   a) from the summit to the base of the hill
   b) from the base of the hill to his house?

C

This graph shows the journeys made by groups of football fans travelling from London to Manchester by coach or train.

1. At what time did:
   a) the coach arrive at the motorway services
   b) the train leave London?

2. How far had the coach travelled before it stopped at the services?

3. How long did the coach stop?

4. How far had the train travelled when:
   a) the coach arrived at the services
   b) the coach left the services?

5. How far apart were the coach and the train:
   a) when the coach left the services
   b) at 12:00
   c) when the train arrived at Manchester?

6. At what time had both coach and train travelled the same distance?

7. What was the speed in mph of:
   a) the coach from London to the services
   b) the coach from the services to Manchester
   c) the train?