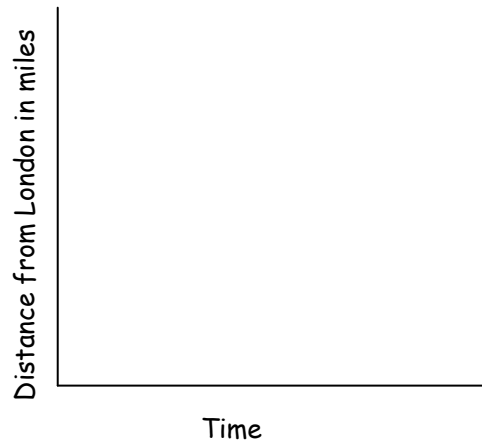# Distance-time graphs

In your book, draw axes from 0 to 60 on the y-axis (in miles) and 0800 to 1400 on the x-axis (time).

Distance from London in miles

Time

Draw the graph of the below journeys:

Rajesh leaves London at 0800 on his bicycle. He travels at a speed of 10mph for 2 hours, then stops for an hour's rest. He then decides to return home and arrives home at 1400.

Nina leaves the seaside 60 miles away at 1100 and drives towards London at 40mph.

At what time does Nina pass the place where Rajesh stopped for a rest?

At what time does Nina overtake Rajesh?