## Time


i. Change 180 minutes to hours.
ii. How many seconds are there in 1 day?
iii. Work out the difference, in minutes, between 45 minutes and $1 \frac{2}{3}$ hours.
iv. A film starts at $\mathbf{8 . 1 5} \mathbf{~ p m}$. The film lasts 97 minutes. What time does the film finish?
v. Here is part of a railway timetable:

| Manchester | 0753 | 09 | 17 | 10 | 35 | 11 | 17 | 13 | 30 |
| :---: | :--- | :--- | :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| 14 | 36 | 16 | 26 |  |  |  |  |  |  |
| Stockport | 08 | 01 | 09 | 26 | 10 | 43 | 1125 | 13 | 38 |
| 14 | 46 | 16 | 39 |  |  |  |  |  |  |
| Macclesfield | 08 | 23 | 09 | 43 | 10 | 58 | 1138 | 13 | 52 |
| 14 | 58 | 17 | 03 |  |  |  |  |  |  |
| Congleton | 08 | 31 | - | - | 1149 | - | 1507 | 17 | 10 |
| Kidsgrove | 08 | 37 | - | - | - | - | - | 17 | 16 |
| Stoke-on-Trent | 08 | 49 | 10 | 00 | 1123 | 1203 | 1412 | 1519 | 1733 |

- A train leaves Manchester at 10 35. At what time should this train arrive in Stoke-onTrent?
- Which station on the route only has 4 services stop there between 0730 and 1800 ?
- Doris has to go to a meeting in Stoke-on-Trent. She will catch the train in Stockport. She needs to arrive in Stoke-on-Trent before 2 pm for her meeting. Write down the time of the latest train she can catch in Stockport.
- Work out how many minutes it should take the 1436 train from Manchester to get to Stoke-on-Trent.
- The 1436 train from Manchester to Stoke-on-Trent takes less time than the 1626 train from Manchester to Stoke-on-Trent.
How many minutes less?
vi. A flight from Sydney to London takes 16 hours and 35 minutes. The time in Sydney is $\mathbf{1 1}$ hours ahead of London.
The flight leaves Sydney at 8am on Wednesday. What is the time in London when the flight arrives?

