Exam Style Questions

Tables: Timetables
Time: Calculations

Ensure you have: Pencil, pen, ruler, protractor, pair of compasses and eraser
You may use tracing paper if needed

Guidance

1. Read each question carefully before you begin answering it.
2. Don’t spend too long on one question.
3. Attempt every question.
4. Check your answers seem right.
5. Always show your workings

Revision for this topic

www.corbettmaths.com/contents

Video 320
Video 322

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1. Here is part of a timetable for a bus.

<table>
<thead>
<tr>
<th></th>
<th>Southville</th>
<th>Leek</th>
<th>Milton</th>
<th>Newtown</th>
<th>Red Island</th>
<th>Sandville</th>
<th>Bakerstown</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10 38</td>
<td>10 48</td>
<td>11 01</td>
<td>11 09</td>
<td>11 15</td>
<td>11 33</td>
<td>11 51</td>
</tr>
</tbody>
</table>

A bus leaves Southville at 10 38

(a) At what time should the bus arrive at Newtown?

.........................

(1)

(b) How long will the journey take?

.........................minutes

(1)

James arrives at the Milton bus stop at 09 29.
He waits for the next bus to Red Island.

(c) (i) How many minutes should he wait?

.........................minutes

(1)

(ii) At what time should James arrive at Red Island?

.........................

(1)

Sally wants to travel from Southville to Bakerstown.
The 12 05 is an ‘express’ bus.

(d) How many minutes shorter is the journey if she takes the ‘express bus’?

.........................minutes

(2)
2. Here is part of a train timetable.

<table>
<thead>
<tr>
<th></th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Southville</td>
<td>07 04</td>
</tr>
<tr>
<td>Leek</td>
<td>07 09</td>
</tr>
<tr>
<td>Jamestown</td>
<td>07 38</td>
</tr>
<tr>
<td>Lincoln</td>
<td>08 01</td>
</tr>
<tr>
<td>Gold City</td>
<td>08 39</td>
</tr>
</tbody>
</table>

(a) How long is the journey from Southville to Jamestown?

.............................. minutes 

(1)

(b) How long is the journey from Leek to Lincoln?

.............................. minutes 

(1)

The train leaves Gold City at 08 45.
It takes 33 minutes to travel to Washington.

(c) At what time does the train arrive in Washington?

..............................

(1)

Lenny lives in Jamestown and works in Lincoln.
He works Monday to Friday.
Lenny travels to work and back each day by train.

(c) How long does Lenny spend on the train each week?
Give your answer in hours and minutes.

.............................. hours .............................. minutes 

(3)
3. Here is part of a train timetable.

<table>
<thead>
<tr>
<th>Departure times</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Antrim</strong></td>
</tr>
<tr>
<td><strong>Randalstown</strong></td>
</tr>
<tr>
<td><strong>Ballymena</strong></td>
</tr>
<tr>
<td><strong>Ballycastle</strong></td>
</tr>
</tbody>
</table>

Freddy wants to travel from Randalstown to Ballycastle. He arrives at Randalstown at 13:03 to catch the next train to Ballycastle.

(a) How long does this train journey take?

........................minutes

(2)

Jennifer lives in Antrim and her friend lives in Ballymena.

Jennifer lives a 5 minute walk from Antrim train station. Her friend lives a 30 minute walk from Ballymena train station.

Jennifer wants to arrive at her friend’s house before 3pm.

Plan Jennifer’s journey to her friend’s house.
4. The timetable shows the times of trains from Southville to Milton.

<table>
<thead>
<tr>
<th></th>
<th>Southville</th>
<th>Leek</th>
<th>Milton</th>
</tr>
</thead>
<tbody>
<tr>
<td>0630</td>
<td>0703</td>
<td>0824</td>
<td></td>
</tr>
<tr>
<td>0650</td>
<td>0715</td>
<td>0835</td>
<td></td>
</tr>
<tr>
<td>0720</td>
<td>0751</td>
<td>0920</td>
<td></td>
</tr>
<tr>
<td>0745</td>
<td>0810</td>
<td>0940</td>
<td></td>
</tr>
</tbody>
</table>

(a) Georgie arrives at the station at Southville at 0658 and gets the next train to Leek.

What time does this train leave Southville?

...............................

(1)

(b) The 0745 train from Southville arrives in Milton 11 minutes early.

What time does this train arrive in Milton?

...............................

(1)

(c) Which train completes the journey from Southville to Milton in the shortest time?

...............................

(2)
5. This timetable shows the times (GMT) of trains between London and Paris.

<table>
<thead>
<tr>
<th></th>
<th>04 21</th>
<th>05 19</th>
<th>06 39</th>
<th>07 59</th>
</tr>
</thead>
<tbody>
<tr>
<td>London</td>
<td>07 11</td>
<td>08 09</td>
<td>09 29</td>
<td>10 49</td>
</tr>
<tr>
<td>Paris</td>
<td>14 40</td>
<td>15 28</td>
<td>17 00</td>
<td>18 49</td>
</tr>
<tr>
<td>London</td>
<td>17 30</td>
<td>18 18</td>
<td>19 50</td>
<td>21 39</td>
</tr>
</tbody>
</table>

(a) At what time does the 05:19 from London arrive in Paris?

........................................ (1)

(b) How long does each journey take?

...............hours...............minutes (1)

(c) Tom arrives in Paris at 09:29.
    He spends the next 7 hours visiting tourist attractions in Paris.

    What is the time of the next train he can catch back to London?

........................................ (1)
6. The timetable for a flight from London to Beijing is shown.

<table>
<thead>
<tr>
<th>Departure from London</th>
<th>5 August 20:25</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arrival in Beijing</td>
<td>6 August 13:10</td>
</tr>
</tbody>
</table>

When it is 1pm in London, it is 8pm in Beijing.

How long should the journey take?
Give your answer in hours and minutes.

Show your working.

................hours................minutes

(3)