

Name: _____

Exam Style Questions

Tables: Timetables
Time: Calculations



Corbettmaths

Ensure you have: Pencil, pen, ruler, protractor, pair of compasses and eraser

You may use tracing paper if needed

Guidance

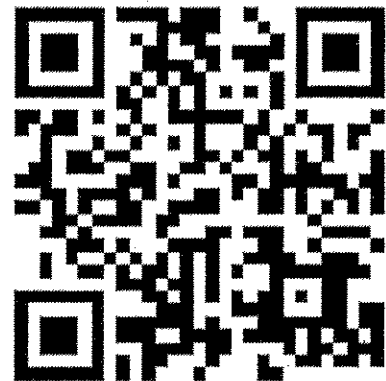
1. Read each question carefully before you begin answering it.
2. Don't spend too long on one question.
3. Attempt every question.
4. Check your answers seem right.
5. Always show your workings

Revision for this topic

www.corbettmaths.com/contents

Video 320

Video 322



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

Southville	09 18	10 38	12 05
Leek	09 28	10 48	-----
Milton	09 41	11 01	-----
Newtown	09 49	11 09	-----
Red Island	09 55	11 15	12 36
Sandville	10 13	11 33	-----
Bakerstown	10 31	11 51	13 00

A bus leaves Southville at 10 38

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

.....11:09.....
(1)

(b) How long will the journey take?

10:38 $\xrightarrow{+22 \text{ mins}}$ 11:00 $\xrightarrow{+9 \text{ mins}}$ 11:09

.....31.....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?

.....12.....minutes
(1)

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

.....09:55.....
(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'?

Express Bus - 55 minutes
Standard Bus - 1 hour 13 minutes

.....18.....minutes
(2)

2. Here is part of a train timetable.

Southville	07 04
Leek	07 09
Jamestown	07 38
Lincoln	08 01
Gold City	08 39

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

.....³⁴.....minutes
(1)

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

.....⁵².....minutes
(1)

07:09 $\xrightarrow{51 \text{ mins}}$ 08:00 $\xrightarrow{1 \text{ min}}$ 08:01

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?

.....^{09:18}.....
(1)

08:45 $\xrightarrow{+15}$ 09:00 $\xrightarrow{+18}$ 09:18

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.

Monday - Friday 2 journeys each day = 10 journeys a week.

.....³.....hours⁵⁰.....minutes
(3)

07:38 $\xrightarrow{+23 \text{ minutes}}$ 08:01

$10 \times 23 = 230$ minutes

1 hour = 60 mins
2 hours = 120 mins
3 hours = 180 minutes
4 hours = 240 minutes

$230 - 180 = 50$

3. Here is part of a train timetable.

	✓	Departure times X		α
Antrim	12:30	13:00	14:00	16:00
Randalstown	12:45	* 13:15	14:15	16:15
Ballymena	13:01	13:31	14:31	16:31
Ballycastle	13:39	* 14:09	15:09	17:09

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?

$$13:15 \xrightarrow{45} 14:00 \xrightarrow{9} 14:09$$

.....54.....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.

Jennifer can either get the 12:30 or 13:00 trains but not the 14:00 or 16:00.

example: Jennifer should leave her house before 12:55 so she can get to the Antrim train station by 13:00. She should get the 13:00 train to Ballymena, which will arrive at 13:31. She should then walk to her friend's house and she should arrive by 14:01, which is before 3pm.

(5)

4. The timetable shows the times of trains from Southville to Milton.

Southville	0630	0650	0720	0745
Leek	0703	0715	0751	0810
Milton	0824	0835	0920	0940

1 hour 54 mins

1 hour 45 mins

2 hours

1 hour 55 mins

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

What time does this train leave Southville?

07:20
.....
(1)

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

What time does this train arrive in Milton?

09:29
.....
(1)

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

*the second train completes the journey
in 1 hour 45 minutes*

.....
(2)

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

London	04 21	05 19	06 39	07 59
Paris	07 11	08 09	09 29	10 49

Paris	14 40	15 28	17 00	18 49
London	17 30	18 18	19 50	21 39

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

08:09
.....
(1)

(b) How long does each journey take?

$\begin{matrix} +39m & +2h & +11min \\ \nearrow & \nearrow & \nearrow \\ 04:21 & 05:00 & 07:00 & 07:11 \end{matrix}$

2 hours 50 minutes
.....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?

$\begin{matrix} +7\text{ hours} \\ \nearrow \\ 09:29 & 16:29 \end{matrix}$

17:00
.....
(1)

