

Q1.

Here is the morning timetable for Chen's class this week.

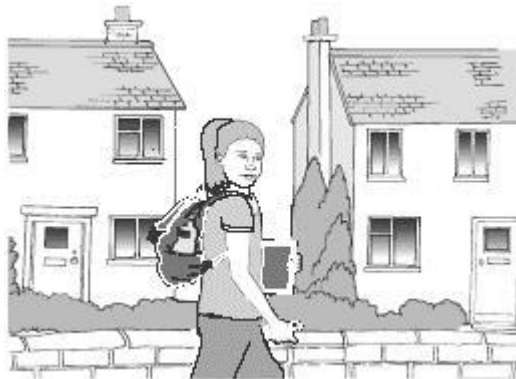
Time	Mon	Tue	Wed	Thu	Fri
9:00 am – 10:30 am	Maths	English	Maths	English	Maths
10:30 am – 11:00 am	Break	Break	Break	Break	Break
11:00 am – 12:00 pm	English	Maths	Science	Maths	English

What is the **total** number of hours for **English** on this timetable?

hours

1 mark

Q2.



Holly takes **half an hour** to walk from home to school.

She arrives at school at 8:25am.

At what time did she leave home?

am

1 mark



Dev leaves school at half past three.

He arrives home at ten past four.

How many minutes did it take him to get home?

minutes

1 mark

Q3.

Jamie, Kate and Hassan run a 50 m race.



Kate's time is 13 seconds.

Jamie finishes 5 seconds before Kate.

Hassan finishes 3 seconds after Jamie.

What is **Hassan's time** in seconds?

seconds

1 mark

Q4.



These are the radio programmes one morning.

7.00	Music show
7.55	Weather report
8.00	News
8.15	Travel news
8.25	Sport
8.45	Holiday programme

Josh turns the radio on at 7:25 am.

How many minutes does he have to wait for the Weather report?

1 mark

The Holiday programme lasts for 40 minutes.

At what time does the Holiday programme finish?

1 mark

Q5.

Liam hires a bike.

He has to return it by 3 pm.

The time is 2:25 pm.

How many minutes has he got left?



1 mark

Amy hires a bike for 45 minutes.

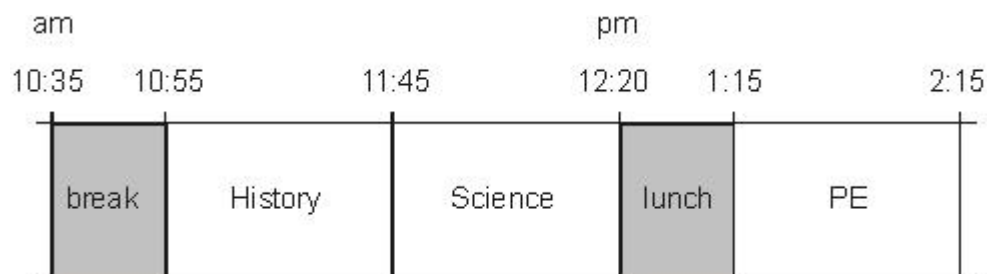
She takes the bike out at 3:30 pm.

At what time must she return the bike?

1 mark

Q6.

Here is part of the timetable for Class 6 on a Monday.



Look at the timetable.

How long is it from the **end** of break to the **start** of lunch?

1 mark

Nisha leaves the Science lesson after 25 minutes.

Then she goes to the dentist.

What time does she leave the Science lesson?

1 mark

Q7.

Here is part of the morning bus timetable from Winton to Yansley.

Winton	9:35	9:55	10:15	10:35
Ingham	9:45	10:05	10:25	10:45
Carston	10:01	10:21	10:41	11:01
Dubley	10:23	10:43	11:03	11:23
Yansley	10:55	11:15	11:35	11:55

How many minutes does the bus take to get from Ingham to Dubley?

1 mark

Megan is in Carston.

She wants to be in Yansley before 11:30

What is the time of the latest bus she can take from Carston?

1 mark

One morning, the 10:35 bus from Winton gets to Carston 3 minutes early.

What time does it get to Carston?

1 mark

Q8.

Amy did a survey of what time people get up on a Sunday morning. This table shows her results for 150 people.

Time	number of people
before 7 am	13
7:00 am to 7:59 am	28
8:00 am to 8:59 am	59
9:00 am to 9:59 am	36
10 am and after	14

Look at the table.

How many people get up at **8 am or later**?

1 mark

Amy says,

'Two-thirds of the 150 people in the survey get up before 9 am.'

Amy is correct.

Explain how you know.

1 mark

Q9.

These are the opening times at Black Tower Castle.

Monday	Closed
--------	--------

Tuesday to Friday	11am to 6:30pm
Saturday	10am to 6pm
Sunday	10:30am to 4:30pm

How many hours is the castle open on Saturdays?

hours

1 mark

Alfie arrived at the castle at 5pm on a Thursday.

How long could he stay before closing time?

1 mark

Q10.

Seb has to see the doctor at 10:05 am.

He gets to the doctor's surgery at 9:52 am.

How many minutes **early** is he?

minutes

1 mark

He leaves the doctor's surgery at 10:25 am.

He gets to school 45 minutes later.

What time does he arrive at school?

am

1 mark

Mark schemes

Q1.

5

Do not accept 300 (minutes).

[1]

Q2.

(a) 7:55am

The answer is a specific time.

1

(b) 40 minutes

The answer is a time interval.

1

[2]

Q3.

11

[1]

Q4.

(a) 30 minutes

The answer is a time interval.

1

(b) 9:25 am

The answer is a specific time.

1

[2]

Q5.

(a) 35

The answer is a time interval.

1

(b) 4:15

The answer is a specific time.

1

[2]

Q6.

- (a) 1 hour 25 minutes
The answer is a time interval 1
- (b) 12:10pm
The answer is a specific time 1

[2]

Q7.

- (a) 38
The answer is a time interval. 1
- (b) 10:21
The answer is a specific time. 1

- (c) 10:58 1

[3]

Q8.

- (a) 109 1

- (b) An explanation that recognises that 100 people get up before 9am which is two-thirds of the total (150).

- '13 + 28 + 59 = 100 which is two-thirds of the total'

- ' $\frac{1}{3}$ of 150 = 50 and $2 \times 50 = 100$ '

- ' $\frac{2}{3}$ of 150 is 100'

- '36 + 14 = 50 which is one-third after 9am'

Do not accept vague or incomplete explanations, eg:

- 'One-third are 9 o'clock or later'
- '100 got up at 9am'
- 'Twice as many got up before 9am.'
- '13 + 28 + 59 = 100'

U1

[2]

Q9.

- (a) 8 hours 1
- The answer is a time interval*

(b) 1 hour 30 minutes

The answer is a time interval

1

[2]

Q10.

13

The answer is a time interval

1

11:10

The answer is a specific time

1

[2]