

11+ Maths Practice Paper

Year 6 · Advanced

Lesson 6.5: Time, calendars and timetables

Read this with your child:

1. This paper has **27 questions** in two parts. Work through them in order. The questions get harder as you go.
2. **Part 1** is multiple choice. Choose **one** answer, A, B, C, D or E, and mark it on the separate answer sheet by drawing a firm line through the box next to its letter. If you change your mind, rub the line out completely and mark your new answer.
3. **Part 2** asks you to write your answer. Write it in the boxes on the answer sheet, **one digit in each box**, starting from the left.
4. If a question is hard, leave it and come back to it at the end.
5. You may use rough paper for working out. You may **not** use a calculator.
6. Suggested time: **35 minutes**.

The answer sheet is after the questions. The answers, with a short explanation of each, are at the back for a parent to mark with.

These are original practice questions written by Elite Learners in the style of 11+ entrance tests. They are not produced by, or connected with, GL Assessment or Cambridge University Press & Assessment (CEM).

Example

How many minutes are there in 2 hours?

A 120

B 200

C 100

D 60

E 24

Answer: A Each hour is 60 minutes: $2 \times 60 = 120$.

The answer, A, has already been marked on your answer sheet.

Now turn over and start Part 1.

Part 1: Multiple choice

1

What time does this clock show?



- A** 10:13 **B** 2:50 **C** 11:13 **D** 10:03 **E** 10:17

2

An overnight bus leaves at 22:45 and arrives at 01:20 the next morning.

How long is the journey?

- A** 21 hours 25 minutes
B 2 hours 35 minutes
C 3 hours 35 minutes
D 1 hour 35 minutes
E 2 hours 25 minutes

3

Which of these is 00:25 on the 12-hour clock?

- A** 12:25 pm **B** 1:25 am **C** 0:25 pm **D** 10:25 pm **E** 12:25 am

4

A night train leaves at 21:50. The journey takes 3 hours 25 minutes.

When does it arrive?

- A** 00:15 **B** 01:25 **C** 25:15 **D** 01:15 **E** 00:75

5

Here is a train timetable. Sara must be at Duckford by 09:00.

Which is the latest train she can catch from Puffin Point?

Station	Train A	Train B	Train C	Train D
Puffin Point	07:48	08:12	08:40	09:05
Brook Lane	08:01	—	08:53	09:18
Cherry Hill	08:17	08:36	09:09	09:34
Duckford	08:31	08:49	09:23	09:48

A 08:40

B 07:48

C 09:05

D 08:49

E 08:12

6

Use the same train timetable. Tom gets to Brook Lane at 08:05.

How long does he wait for the next train that stops there?

Station	Train A	Train B	Train C	Train D
Puffin Point	07:48	08:12	08:40	09:05
Brook Lane	08:01	—	08:53	09:18
Cherry Hill	08:17	08:36	09:09	09:34
Duckford	08:31	08:49	09:23	09:48

A 7 minutes

B 48 minutes

C 31 minutes

D 13 minutes

E 1 hour 13 minutes

7

It is 20:00 on Monday in London. Tokyo is 9 hours ahead of London.

What time and day is it in Tokyo?

A 05:00 on Monday

B 11:00 on Monday

C 29:00 on Monday

D 05:00 on Tuesday

E 04:00 on Tuesday

8

A plane leaves London at 09:00 London time. The flight takes 7 hours. Dubai is 4 hours ahead of London.

What time is it in Dubai when the plane lands?

- A** 16:00 **B** 20:00 **C** 12:00 **D** 13:00 **E** 21:00
-

9

A plane leaves New York at 18:00 New York time. The flight takes 7 hours. London is 5 hours ahead of New York.

What time is it in London when the plane lands?

- A** 01:00 the next day
B 20:00 the same day
C 06:00 the next day
D 30:00 the same day
E 08:00 the next day
-

10

Which of these years was not a leap year?

- A** 2000 **B** 1996 **C** 2020 **D** 1900 **E** 1600
-

11

How many leap years are there from 2001 to 2030?

- A** 8 **B** 6 **C** 7 **D** 30 **E** 4
-

12

1 March 2027 is a Monday.

What day of the week is 1 April 2027?

- A** It is a Monday
B It is a Wednesday
C It is a Thursday
D It is a Friday
E It is a Sunday
-

13

2028 is a leap year.

How many days is it from 18 February 2028 to 3 March 2028?

- A** 13 days **B** 15 days **C** 12 days **D** 17 days **E** 14 days
-

14

How many seconds are there in a quarter of an hour?

- A** 1500 **B** 900 **C** 250 **D** 15 **E** 3600
-

15

Which of these is the same as 2.25 hours?

- A** 2 hours 15 minutes
B 2 hours 25 minutes
C 2 hours 45 minutes
D 2 hours 20 minutes
E 2 hours 2 minutes
-

16

School starts at 08:50 and ends at 15:20. Breaks and lunch take 1 hour 10 minutes altogether.

How much time is spent in lessons?

- A** 5 hours 20 minutes
B 6 hours 30 minutes
C 7 hours 40 minutes
D 5 hours 10 minutes
E 4 hours 20 minutes
-

17

A clock loses 2 minutes every hour. It is set to the right time at 09:00.

What time does it show when the right time is 15:00?

- A** 14:58 **B** 15:12 **C** 14:52 **D** 14:38 **E** 14:48
-

18

Part of the calendar for March 2027 has been torn off.

What day of the week is 31 March 2027?

March 2027						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10				

- A** It is a Tuesday
- B** It is a Thursday
- C** It is a Sunday
- D** It is a Wednesday
- E** It is a Saturday

19

Which of these is the longest time?

- A** 7000 seconds
- B** 115 minutes
- C** 2 hours
- D** 1.9 hours
- E** 1 hour 58 minutes

20

It is 03:00 on Tuesday in London. New York is 5 hours behind London.

What time and day is it in New York?

- A** 22:00 on Monday
- B** 22:00 on Tuesday
- C** 08:00 on Tuesday
- D** 02:00 on Monday
- E** 21:00 on Monday

Part 2: Write your answer

21

How many minutes is it from 21:35 to 00:10 (just after midnight)?

Write your answer in the boxes on the answer sheet, one digit in each box.

22

How many seconds are there in 1 hour?

Write your answer in the boxes on the answer sheet, one digit in each box.

23

In a leap year, some months have fewer than 31 days.

How many days are there altogether in those months?

Write your answer in the boxes on the answer sheet, one digit in each box.

24

Here is the train timetable from question 5 again. Tom gets to Brook Lane at 08:05 and catches the next train that stops there.

How many minutes is it from when he gets to Brook Lane to when he arrives at Duckford?

Station	Train A	Train B	Train C	Train D
Puffin Point	07:48	08:12	08:40	09:05
Brook Lane	08:01	—	08:53	09:18
Cherry Hill	08:17	08:36	09:09	09:34
Duckford	08:31	08:49	09:23	09:48

Write your answer in the boxes on the answer sheet, one digit in each box.

25

How many hours are there in March?

Write your answer in the boxes on the answer sheet, one digit in each box.

26

A plane leaves Tokyo at 11:00 Tokyo time. It lands in London at 15:00 London time on the same day. Tokyo is 9 hours ahead of London.

How many hours does the flight take?

Write your answer in the boxes on the answer sheet, one digit in each box.

27

A club meets every 9 days. It meets on 4 March.

On what date in April is its first meeting?

Write your answer in the boxes on the answer sheet, one digit in each box.

Answer sheet

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Name

Draw a firm line through the box next to your answer, like the example.

Part 1: Multiple choice

Ex	A ☒	B ☐	C ☐	D ☐	E ☐
1	A ☐	B ☐	C ☐	D ☐	E ☐
2	A ☐	B ☐	C ☐	D ☐	E ☐
3	A ☐	B ☐	C ☐	D ☐	E ☐
4	A ☐	B ☐	C ☐	D ☐	E ☐
5	A ☐	B ☐	C ☐	D ☐	E ☐
6	A ☐	B ☐	C ☐	D ☐	E ☐
7	A ☐	B ☐	C ☐	D ☐	E ☐
8	A ☐	B ☐	C ☐	D ☐	E ☐
9	A ☐	B ☐	C ☐	D ☐	E ☐
10	A ☐	B ☐	C ☐	D ☐	E ☐
11	A ☐	B ☐	C ☐	D ☐	E ☐
12	A ☐	B ☐	C ☐	D ☐	E ☐
13	A ☐	B ☐	C ☐	D ☐	E ☐
14	A ☐	B ☐	C ☐	D ☐	E ☐
15	A ☐	B ☐	C ☐	D ☐	E ☐
16	A ☐	B ☐	C ☐	D ☐	E ☐
17	A ☐	B ☐	C ☐	D ☐	E ☐
18	A ☐	B ☐	C ☐	D ☐	E ☐
19	A ☐	B ☐	C ☐	D ☐	E ☐
20	A ☐	B ☐	C ☐	D ☐	E ☐

Part 2: Write your answer, one digit in each box

21		25	
22		26	
23		27	
24			

Answers

For a parent to mark with. One mark for each question: the paper is out of 27. Talk through any your child got wrong, using the explanation.

Q	Answer	How to get it
1	A 10:13	The long hand is 3 small marks past the 2: $10 + 3 = 13$ minutes. The short hand has only just passed the 10, so it is 10:13.
2	B 2 hours 35 minutes	Count on: 22:45 to 23:00 is 15 minutes, 23:00 to 01:00 is 2 hours (past midnight), 01:00 to 01:20 is 20 minutes. $15 + 20 = 35$, so 2 hours 35 minutes.
3	E 12:25 am	00:25 is 25 minutes after midnight, so it is 12:25 am.
4	D 01:15	$21:50 + 3 \text{ hours} = 00:50$ (past midnight). Then 25 more minutes: 10 minutes to 01:00, and 15 more: 01:15.
5	E 08:12	Read across the Duckford row: Train B arrives at 08:49 and Train C at 09:23, which is too late. Read up the Train B column to Puffin Point: 08:12.
6	B 48 minutes	Train B has a dash at Brook Lane: it does not stop. The next train that stops is Train C at 08:53. From 08:05 to 08:53 is 48 minutes.
7	D 05:00 on Tuesday	$20 + 9 = 29$. That is past midnight, so take away 24: 05:00, and it is the next day, Tuesday.
8	B 20:00	It lands at $09:00 + 7 \text{ hours} = 16:00$ London time. Dubai is 4 hours ahead: $16:00 + 4 \text{ hours} = 20:00$.
9	C 06:00 the next day	$18:00 + 7 \text{ hours} = 01:00$ the next day, New York time. London is 5 hours ahead: $01:00 + 5 \text{ hours} = 06:00$ the next day.
10	D 1900	A year ending in 00 is only a leap year if it divides exactly by 400: 2000 and 1600 do; 1900 does not ($1900 \div 400 = 4 \text{ r } 300$).
11	C 7	The leap years are 2004, 2008, 2012, 2016, 2020, 2024 and 2028: 7 of them.
12	C It is a Thursday	March has 31 days, so 1 April is 31 days later. $31 = 4 \text{ weeks and } 3 \text{ days}$. Three days after Monday is Thursday.
13	E 14 days	In a leap year February has 29 days. $29 - 18 = 11$ days to the end of February, then 3 more: $11 + 3 = 14$ days.
14	B 900	A quarter of an hour is $60 \div 4 = 15$ minutes. $15 \times 60 = 900$ seconds.
15	A 2 hours 15 minutes	0.25 of an hour is a quarter of an hour: $60 \div 4 = 15$ minutes. So 2.25 hours is 2 hours 15 minutes.
16	A 5 hours 20 minutes	08:50 to 15:20 is 6 hours 30 minutes. Take away the breaks: $6 \text{ hours } 30 \text{ minutes} - 1 \text{ hour } 10 \text{ minutes} = 5 \text{ hours } 20 \text{ minutes}$.
17	E 14:48	From 09:00 to 15:00 is 6 hours. It loses 2 minutes each hour: $6 \times 2 = 12$ minutes. $15:00 - 12 \text{ minutes} = 14:48$.
18	D It is a Wednesday	3 March is a Wednesday. $31 - 3 = 28$ days later, which is exactly 4 weeks, so 31 March is also a Wednesday.
19	C 2 hours	In minutes: 2 hours = 120, 7000 seconds is about 117, 1.9 hours = 114, 1 hour 58 minutes = 118. So 2 hours is the longest.

Q	Answer	How to get it
20	A 22:00 on Monday	3 – 5 goes back past midnight. 03:00 – 3 hours = 00:00 (midnight), then 2 more hours back: 22:00 on the day before, Monday.
21	155	21:35 to 22:00 is 25 minutes, 22:00 to 00:00 is 2 hours = 120 minutes, 00:00 to 00:10 is 10 minutes: $25 + 120 + 10 = 155$.
22	3,600	1 hour is 60 minutes, and each minute is 60 seconds: $60 \times 60 = 3600$.
23	149	February has 29 days in a leap year, and April, June, September and November have 30 each: $29 + 4 \times 30 = 149$.
24	78	He waits until 08:53 (Train C), which gets to Duckford at 09:23. From 08:05 to 09:23 is $55 + 23 = 78$ minutes.
25	744	March has 31 days, and each day has 24 hours: $31 \times 24 = 744$.
26	13	When it is 11:00 in Tokyo it is $11 - 9 = 02:00$ in London. From 02:00 to 15:00 London time is 13 hours.
27	9	Add 9 each time: 4, 13, 22 and 31 March, then $31 + 9 = 40$, and $40 - 31 = 9$, so 9 April.

Score: out of 27