

11+ Maths Practice Paper

Year 5 · Intermediate

Lesson 6.5: Time, calendars and timetables

Read this with your child:

1. This paper has **24 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: **30 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

Which of these is 9 pm on the 24-hour clock?

A 21:00

B 09:00

C 19:00

D 12:09

E 23:00

Answer: A It is pm, so add 12 to the hour: $9 + 12 = 21$. So 9 pm is 21:00.

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** 9:52 **B** 8:47 **C** 10:42 **D** 7:52 **E** 8:52

2

What time does this clock show?



- A** twenty-five past 5
B twenty-five to 6
C twenty-five to 5
D twenty-five past 7
E thirty-five to 6

3

Which of these is 7:45 pm on the 24-hour clock?

- A** 19:45 **B** 07:45 **C** 17:45 **D** 19:15 **E** 21:45

4

Which of these is 16:20 on the 12-hour clock?

- A** 4:20 pm **B** 4:20 am **C** 6:20 pm **D** 2:20 pm **E** 16:20 pm

5

Which of these is 12:40 am on the 24-hour clock?

- A 12:40 B 00:40 C 24:40 D 00:04 E 01:40
-

6

How many seconds are there in 5 minutes?

- A 300 B 500 C 60 D 350 E 3000
-

7

How many minutes is 2 hours 45 minutes?

- A 245 B 145 C 125 D 165 E 205
-

8

A coach leaves at 09:50 and arrives at 11:25.

How long is the journey?

- A 1 hour 35 minutes
B 1 hour 75 minutes
C 2 hours 35 minutes
D 1 hour 25 minutes
E 2 hours 15 minutes
-

9

A film starts at 18:40. It lasts 1 hour 55 minutes.

When does the film end?

- A 19:35 B 20:35 C 20:45 D 21:35 E 20:15
-

10

Here is a bus timetable.

Which bus does not stop at Park Road?

Stop	Bus A	Bus B	Bus C	Bus D
Bus Station	07:50	08:20	08:45	09:15
Park Road	08:02	08:32	–	09:27
Market Square	08:15	08:45	09:05	09:40
Hill School	08:28	08:58	09:17	09:53

- A** Bus A
- B** Bus C
- C** Bus B
- D** Bus D
- E** They all stop there

11

Use the same bus timetable.

How long does Bus B take to go from the Bus Station to Hill School?

Stop	Bus A	Bus B	Bus C	Bus D
Bus Station	07:50	08:20	08:45	09:15
Park Road	08:02	08:32	–	09:27
Market Square	08:15	08:45	09:05	09:40
Hill School	08:28	08:58	09:17	09:53

- A** 30 minutes
- B** 28 minutes
- C** 58 minutes
- D** 38 minutes
- E** 48 minutes

12

Use the same bus timetable. Jo gets to Park Road at 08:35.

What time is the next bus that stops at Park Road?

Stop	Bus A	Bus B	Bus C	Bus D
Bus Station	07:50	08:20	08:45	09:15
Park Road	08:02	08:32	–	09:27
Market Square	08:15	08:45	09:05	09:40
Hill School	08:28	08:58	09:17	09:53

- A** 09:05
- B** 08:32
- C** 08:45
- D** 09:15
- E** 09:27

13

It is 14:00 in London. Dubai is 4 hours ahead of London.

What time is it in Dubai?

- A** 10:00 **B** 16:00 **C** 18:00 **D** 14:04 **E** 18:40
-

14

It is 15:30 in London. New York is 5 hours behind London.

What time is it in New York?

- A** 20:30 **B** 10:00 **C** 11:30 **D** 10:30 **E** 09:30
-

15

6 June 2027 is a Sunday.

What day of the week is 27 June 2027?

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

16

Which of these years is a leap year?

- A** 2030 **B** 2026 **C** 2032 **D** 2034 **E** 2022
-

17

How many days is it from 26 April to 5 May?

- A** 10 days **B** 8 days **C** 21 days **D** 11 days **E** 9 days
-

18

Which of these is the longest time?

- A** 1.5 hours
- B** 1 hour 35 minutes
- C** 100 minutes
- D** 5400 seconds
- E** 1 hour 25 minutes

Part 2: Write your answer

19

How many minutes is it from 07:45 to 09:10?*Write your answer in the boxes on the answer sheet, one digit in each box.*

20

How many seconds are there in 4 minutes 30 seconds?*Write your answer in the boxes on the answer sheet, one digit in each box.*

21

Here is a train timetable.

How many minutes does Train 3 take to go from Kingsbay to Lark Rise?

Station	Train 1	Train 2	Train 3
Kingsbay	10:05	10:35	11:10
Old Quay	10:19	–	11:24
Fernwood	10:38	10:58	11:43
Lark Rise	10:52	11:11	11:57

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

22

How many hours are there in 1 week?*Write your answer in the boxes on the answer sheet, one digit in each box.*

23

Mia's birthday is 14 days after 25 March.

On what date in April is her birthday?*Write your answer in the boxes on the answer sheet, one digit in each box.*

Here is a calendar for October 2027.

What is the date of the last Friday in October 2027?

October 2027						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

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 ☐

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

19		22	
20		23	
21		24	

Answers

For a parent to mark with. One mark for each question: the paper is out of 24. Talk through any your child got wrong, using the explanation.

Q	Answer	How to get it
1	E 8:52	The long hand is 2 small marks past the 10: $50 + 2 = 52$ minutes. The short hand is nearly at the 9 but not there yet, so the hour is 8.
2	B twenty-five to 6	The long hand is on the 7, which is 35 minutes past, or 25 minutes to the next hour. The short hand is between the 5 and the 6, so it is twenty-five to 6.
3	A 19:45	It is pm, so add 12 to the hour: $7 + 12 = 19$. So 7:45 pm is 19:45.
4	A 4:20 pm	The hour is more than 12, so take away 12: $16 - 12 = 4$. It is after noon, so it is 4:20 pm.
5	B 00:40	12:40 am is 40 minutes after midnight. On the 24-hour clock the hour after midnight is 00, so it is 00:40.
6	A 300	Each minute is 60 seconds: $5 \times 60 = 300$.
7	D 165	2 hours is $2 \times 60 = 120$ minutes. $120 + 45 = 165$.
8	A 1 hour 35 minutes	Count on: 09:50 to 10:00 is 10 minutes, 10:00 to 11:00 is 1 hour, 11:00 to 11:25 is 25 minutes. $10 + 25 = 35$, so 1 hour 35 minutes.
9	B 20:35	1 hour 55 minutes is 5 minutes less than 2 hours. $18:40 + 2 \text{ hours} = 20:40$, then take away 5 minutes: 20:35.
10	B Bus C	Read across the Park Road row. Bus C has a dash, so it does not stop there.
11	D 38 minutes	Read down the Bus B column: it leaves at 08:20 and arrives at 08:58. From 08:20 to 08:58 is 38 minutes.
12	E 09:27	Read across the Park Road row for the first time after 08:35. Bus C has a dash there, so the next bus is Bus D at 09:27.
13	C 18:00	Ahead means add: $14 + 4 = 18$. It is 18:00 in Dubai.
14	D 10:30	Behind means take away: $15 - 5 = 10$. The minutes stay the same, so it is 10:30.
15	C It is a Sunday	$27 - 6 = 21$ days later. 21 days is exactly 3 weeks, so it is the same day: Sunday.
16	C 2032	A leap year divides exactly by 4: $2032 \div 4 = 508$, but the others leave a remainder of 2.
17	E 9 days	April has 30 days. From 26 April to 30 April is $30 - 26 = 4$ days, then 5 more days into May: $4 + 5 = 9$ days.
18	C 100 minutes	Put them all in minutes: 1.5 hours = 90, 1 hour 35 minutes = 95, 5400 seconds = 90, 1 hour 25 minutes = 85. So 100 minutes is the longest.
19	85	07:45 to 08:00 is 15 minutes, 08:00 to 09:00 is 60 minutes, 09:00 to 09:10 is 10 minutes: $15 + 60 + 10 = 85$.
20	270	4 minutes is $4 \times 60 = 240$ seconds. $240 + 30 = 270$.

Q	Answer	How to get it
21	47	Train 3 leaves Kingsbay at 11:10 and gets to Lark Rise at 11:57: $57 - 10 = 47$ minutes.
22	168	Each day has 24 hours: $7 \times 24 = 168$.
23	8	March has 31 days. $25 + 14 = 39$, and $39 - 31 = 8$, so it is 8 April.
24	29	Read down the Friday column to the bottom: 1, 8, 15, 22, 29. The last Friday is the 29th.

Score: out of 24