Name	Date

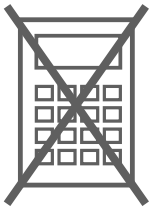
GCSE Mathematics 9-1

Time

(Non-Calculator)

Exam-Style Topic Paper	Total Marks
Time: 45 minutes	**/ 40**

Instructions



- Use black ink or ball-point pen.
- Fill in the boxes at the top of this page with your name and date number.
- Answer all questions.
- Answer the questions in the spaces provided – there may be more space than you need.
- You must show all your working.
- Diagrams are NOT accurately drawn, unless otherwise indicated.
- Calculators may **not** be used.

Information

- The marks for each question are shown in brackets – use this as a guide as to how much time to spend on each question.

Advice

- Read each question carefully before you start to answer it.
- Try to answer every question.
- Check your answers if you have time at the end.

1 Write 3 hours in minutes.

..... minutes

[1 mark]

2 Write 420 seconds in minutes.

..... minutes

[1 mark]

3 How many hours are there in 4 days?

..... hours

[1 mark]

4 Write 2.5 hours in hours and minutes.

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

[1 mark]

5 Write 1¾ hours in minutes.

..... minutes

[1 mark]

6 Write 200 minutes in hours and minutes.

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

[1 mark]

7 A podcast lasts 7 minutes 45 seconds.
How long is the podcast in seconds?

..... seconds

[1 mark]

---

8 Write 5:20 pm as a time on the 24-hour clock.

.....

[1 mark]

---

9 Write 08:05 as a time on the 12-hour clock.
Use am or pm in your answer.

.....

[1 mark]

---

10 Write 23:40 as a time on the 12-hour clock.
Use am or pm in your answer.

.....

[1 mark]

---

11 Write these lengths of time in order, starting with the shortest.

2 hours 10 minutes 125 minutes 8100 seconds 1.75 hours

.....

[1 mark]

---

12 A swimming pool opens at 6:30 am and closes at 9 pm.
How long is the swimming pool open for each day?

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

[2 marks]

---

13 A football match kicks off at 15:00
Each half lasts 45 minutes. Half-time lasts 15 minutes.
There is no extra time.
What time does the match finish?

.....

[2 marks]

14 A train leaves Leeds at 09:47 and arrives in Newcastle at 11:12
How long is the journey?

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

[2 marks]

15 A cake needs to bake for 1 hour 35 minutes.
Priya wants the cake to be ready at 6:15 pm.
What is the latest time she can put the cake in the oven?

.....

[2 marks]

16 A film starts at 8:25 pm and lasts 2 hours 18 minutes.
What time does the film finish?

.....

[2 marks]

17 A school day starts at 08:45
There are 5 lessons. Each lesson is 55 minutes long.
There is also a 20-minute break and a 45-minute lunch.
What time does the school day end?

.....

[3 marks]

---

18 Maya practises the piano for 25 minutes every day.
How long does she practise for in two weeks?
Give your answer in hours and minutes.

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

[2 marks]

---

19 How many days are there in March, April and May altogether?

..... days

[1 mark]

---

20 Today is Tuesday 4th March.

(a) What day of the week will it be on 18th March?

.....

[1 mark]

(b) What day of the week will it be on 27th March?

.....

[1 mark]

---

21 Here is part of a bus timetable.

Riverside	07:15	08:40	10:05
Market Square	07:28	08:53	10:18
Hospital	07:41	09:06	10:31
Park Lane	07:50	09:15	10:40
Station	08:04	09:29	10:54

(a) How long does the 08:40 bus from Riverside take to reach the Station?

..... minutes

[1 mark]

(b) Sam gets to Market Square at 08:35
How long does he have to wait for the next bus?

..... minutes

[1 mark]

(c) Ellie needs to be at the Hospital by 10:00
Which bus is the latest she can catch from Riverside?

.....

[1 mark]

---

22 Three friends run a race.
Ali's time is 12 minutes 48 seconds.
Ben is 1 minute 15 seconds slower than Ali.
Cara is 35 seconds faster than Ben.
What is Cara's time?

..... minutes ..... seconds

[2 marks]

---

23 A clock in a classroom is 12 minutes slow.
The clock shows 10:52
What is the real time?

.....

[1 mark]

24 A machine makes one toy every 45 seconds.
How many toys does the machine make in 2 hours?

.....

[2 marks]

25 A plane leaves London at 14:20
The flight takes 2 hours 35 minutes.
The time in Rome is 1 hour ahead of the time in London.
What is the time in Rome when the plane lands?

.....

[2 marks]

26 Tom says, "0.5 hours is the same as 30 minutes."
Is Tom correct?
Explain your answer.

.....

.....

[1 mark]