2.9 Time and Timetables: Test Pack

GL ASSESSMENT GL · Calculators not allowed · about 60 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Clocks and timetables often use the 24-hour clock.

(a) Write 07:45 using the 12-hour clock (include am or pm). **(1)**

(b) Write 'quarter past nine in the evening' using the 24-hour clock. **(1)**

(c) Write 23:05 using the 12-hour clock (include am or pm). **(1)**

---

2 Write 745 seconds in minutes and seconds.

- ☐ A) 12 minutes 30 seconds
- ☐ B) 12 minutes 35 seconds
- ☐ C) 12 minutes 25 seconds
- ☐ D) 13 minutes 25 seconds
- ☐ E) 7 minutes 45 seconds

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3 In 2026, 15th March falls on a Sunday.

(a) What day of the week is 22nd March 2026? **(1)**

(b) What day of the week is 10th March 2026? **(1)**

(c) What day of the week is 2nd April 2026? (March 2026 has 31 days.) **(2)**

---

4 Today is Sunday. What day of the week will it be in 59 days?

- ☐ A) Tuesday
- ☐ B) Monday
- ☐ C) Wednesday
- ☐ D) Thursday
- ☐ E) Friday

---

5 Write 46 days in weeks and days.

- ☐ A) 6 weeks 4 days
- ☐ B) 7 weeks 4 days
- ☐ C) 0 weeks 46 days
- ☐ D) 6 weeks 14 days
- ☐ E) 6 weeks 9 days

---

6 Write 355 seconds in minutes and seconds.

- ☐ A) 3 minutes 55 seconds
- ☐ B) 5 minutes 60 seconds
- ☐ C) 5 minutes 55 seconds
- ☐ D) 5 minutes 65 seconds
- ☐ E) 6 minutes 55 seconds

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7 Today is Thursday. What day of the week will it be in 36 days?

- ☐ A) Tuesday
- ☐ B) Wednesday
- ☐ C) Friday
- ☐ D) Thursday
- ☐ E) Saturday

---

8 How many hours are there in 8 days?

- ☐ A) 32
- ☐ B) 112
- ☐ C) 193
- ☐ D) 192
- ☐ E) 800

---

9 In a school sports day, three runners' 400 m times are recorded to the nearest second: Priya 78 seconds, Tomasz 1 minute 25 seconds, Aisha 84 seconds.

(a) Write Tomasz's time in seconds. **(1)**

(b) Put the three runners in order from fastest to slowest. **(2)**

---

10 Today is Sunday. What day of the week will it be in 18 days?

- ☐ A) Tuesday
- ☐ B) Saturday
- ☐ C) Wednesday
- ☐ D) Thursday
- ☐ E) Friday

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11 Train A departs Ashby at 07:50 and is booked to arrive at Norbury at 08:35. Train B departs Norbury at 08:40 and arrives at Elsworth at 09:22.

(a) Train A actually runs 6 minutes late. At what time does it now arrive at Norbury? **(1)**

.....

(b) Explain whether Rosa, who is on Train A, will catch Train B to Elsworth. **(2)**

(c) The next Train B service departs Norbury at 09:10 and takes the same journey time to Elsworth as the original Train B. At what time will Rosa now arrive at Elsworth? **(2)**

.....

12 Write 495 minutes in hours and minutes.

- ☐ A) 8 hours 15 minutes
- ☐ B) 9 hours 15 minutes
- ☐ C) 8 hours 25 minutes
- ☐ D) 15 hours 8 minutes
- ☐ E) 4 hours 95 minutes

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13 Amelia has a job interview at 10:30. It takes her 15 minutes to walk from the bus stop to the interview location, and the bus journey itself takes 50 minutes. Buses depart from her local stop every 20 minutes, starting at 07:00 (so at 07:00, 07:20, 07:40, and so on).

(a) What is the latest time the bus must arrive at its final stop for Amelia to have enough time to walk to her interview by 10:30? **(2)**

.....

(b) Using your answer to part a and the bus timetable, find the latest bus Amelia can catch to arrive on time. **(3)**

.....

---

14 Today is Wednesday. What day of the week will it be in 33 days?

- ☐ A) Tuesday
- ☐ B) Friday
- ☐ C) Monday
- ☐ D) Wednesday
- ☐ E) Sunday

---

15 Today is Thursday. What day of the week will it be in 34 days?

- ☐ A) Monday
- ☐ B) Friday
- ☐ C) Tuesday
- ☐ D) Wednesday
- ☐ E) Thursday

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16 Priya is planning a journey using a coach and a connecting train.
Coach timetable (Hartfield to Coombe Bus Station): coaches depart Hartfield at 06:30, 07:15, 08:00 and 08:45 (every 45 minutes). Each coach journey takes 55 minutes.
Train timetable (Coombe to Fenwick): trains depart Coombe at 07:20, 08:05, 08:50 and 09:35 (every 45 minutes). Each train journey takes 38 minutes.

(a) Priya catches the 07:15 coach from Hartfield. At what time does she arrive at Coombe Bus Station? **(1)**

.....

(b) Which train to Fenwick can she catch, and at what time will she arrive in Fenwick? Show your working. **(3)**

.....

(c) On another day, the same 07:15 coach is delayed by 45 minutes. Does Priya still catch the same train to Fenwick as in part b? If not, find her new arrival time in Fenwick, assuming she catches the next available train after the coach arrives. **(3)**

.....

---

17 Write 470 minutes in hours and minutes.

- ☐ A) 4 hours 70 minutes
- ☐ B) 7 hours 50 minutes
- ☐ C) 8 hours 50 minutes
- ☐ D) 50 hours 7 minutes
- ☐ E) 7 hours 55 minutes

---

18 Today is Saturday. What day of the week will it be in 26 days?

- ☐ A) Wednesday
- ☐ B) Saturday
- ☐ C) Thursday
- ☐ D) Friday
- ☐ E) Tuesday

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19 How many minutes are there in 19 hours?

- [ ] A) 1,900
- [ ] B) 950
- [ ] C) 79
- [ ] D) 1,141
- [ ] E) 1,140

---

20 Write 68 days in weeks and days.

- [ ] A) 0 weeks 68 days
- [ ] B) 10 weeks 5 days
- [ ] C) 9 weeks 5 days
- [ ] D) 9 weeks 10 days
- [ ] E) 5 weeks 9 days

---

21 Today is Thursday. What day of the week will it be in 267 days?

- [ ] A) Thursday
- [ ] B) Sunday
- [ ] C) Saturday
- [ ] D) Wednesday
- [ ] E) Friday

---

22 Today is Thursday. What day of the week will it be in 12 days?

- [ ] A) Saturday
- [ ] B) Monday
- [ ] C) Tuesday
- [ ] D) Wednesday
- [ ] E) Friday

---

23 Write 510 minutes in hours and minutes.

- [ ] A) 9 hours 30 minutes
- [ ] B) 8 hours 30 minutes
- [ ] C) 5 hours 10 minutes
- [ ] D) 8 hours 40 minutes
- [ ] E) 8 hours 35 minutes

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24 Today is Sunday. What day of the week will it be in 243 days?

- ☐ A) Saturday
- ☐ B) Sunday
- ☐ C) Friday
- ☐ D) Thursday
- ☐ E) Tuesday

---

25 Write 645 seconds in minutes and seconds.

- ☐ A) 45 minutes 10 seconds
- ☐ B) 11 minutes 45 seconds
- ☐ C) 6 minutes 45 seconds
- ☐ D) 10 minutes 50 seconds
- ☐ E) 10 minutes 45 seconds

---

26 Buses from Market Square to the Library run every 30 minutes, leaving Market Square at 08:15, 08:45, 09:15 and 09:45. Each journey to the Library takes 25 minutes.

(a) At what time does the 08:45 bus arrive at the Library? **(1)**

.....

(b) Chloe reaches the bus stop at Market Square at 09:00, just missing a bus. How many minutes must she wait for the next bus? **(1)**

.....

(c) How many buses in total leave Market Square from 08:00 up to and including 09:45? **(1)**

---

27 How many seconds are there in 3.5 minutes?

- ☐ A) 63.5
- ☐ B) 350
- ☐ C) 210
- ☐ D) 209
- ☐ E) 270

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28 Convert each of these times.

(a) Convert 150 minutes into hours and minutes. **(1)**

(b) Convert 2.25 hours into minutes. **(1)**

(c) Convert 3 hours 40 minutes into minutes. **(1)**

---

29 Today is Tuesday. What day of the week will it be in 298 days?

- ☐ A) Friday
- ☐ B) Sunday
- ☐ C) Saturday
- ☐ D) Monday
- ☐ E) Tuesday

---

30 How many minutes are there in 18.5 hours?

- ☐ A) 1,110
- ☐ B) 1,109
- ☐ C) 1,850
- ☐ D) 78.5
- ☐ E) 1,170

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31 A leisure centre pool has these sessions:
Public swim: 09:00 to 10:30
Lane swim: 10:30 to 12:00
Family swim: 12:00 to 14:00
Adult swim: 14:00 to 15:30

(a) How long does the Family swim session last? **(1)**

(b) Sam arrives at the pool at 11:45. Which session is running when she arrives, and how many minutes of that session are left? **(2)**

---

32 Write 415 minutes in hours and minutes.

- ☐ A) 7 hours 55 minutes
- ☐ B) 6 hours 65 minutes
- ☐ C) 6 hours 55 minutes
- ☐ D) 6 hours 60 minutes
- ☐ E) 4 hours 15 minutes

---

33 Today is Sunday. What day of the week will it be in 363 days?

- ☐ A) Saturday
- ☐ B) Friday
- ☐ C) Sunday
- ☐ D) Monday
- ☐ E) Tuesday

---

34 Today is Sunday. What day of the week will it be in 57 days?

- ☐ A) Monday
- ☐ B) Tuesday
- ☐ C) Sunday
- ☐ D) Wednesday
- ☐ E) Saturday

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Mark scheme · 2.9 Time and Timetables: Test Pack

Question 1

(a) 7:45 am oe **B1**

(a) Answer: 7:45 am

(b) 21:15 cao **B1**

(b) Answer: 21:15

(c) 11:05 pm oe **B1**

(c) Answer: 11:05 pm

Question 2

correct option C (12 minutes 25 seconds) cao **B1**

Answer: C) 12 minutes 25 seconds

Question 3

(a) Sunday cao **B1**

(a) Answer: Sunday

(b) Tuesday cao **B1**

(b) Answer: Tuesday

(c) Finds 2nd April is 18 days after 15th March (16 days to reach 31 March, plus 2 more days into April) **M1**

(c) Thursday cao **A1**

(c) Answer: Thursday

Question 4

correct option C (Wednesday) cao **B1**

Answer: C) Wednesday

Question 5

correct option A (6 weeks 4 days) cao **B1**

Answer: A) 6 weeks 4 days

Question 6

correct option C (5 minutes 55 seconds) cao **B1**

Answer: C) 5 minutes 55 seconds

Question 7

correct option C (Friday) cao **B1**

Answer: C) Friday

Question 8

correct option D (192) cao **B1**

Answer: D) 192

Question 9

(a) 85 seconds cao **B1**

(a) Answer: 85 seconds

(b) Compares all three times correctly in seconds (78, 85, 84) **M1**

(b) Priya, Aisha, Tomasz cao **A1**

(b) Answer: Priya (78 s), Aisha (84 s), Tomasz (85 s)

Question 10

correct option D (Thursday) cao **B1**

Answer: D) Thursday

Question 11

(a) 08:41 cao **B1**

(a) Answer: 08:41

(b) No, ft from (a) **B1**

(b) Correct reason: the train now arrives at 08:41, which is after Train B has already departed at 08:40 **B1**

(b) Answer: No; the train now arrives at 08:41, one minute after Train B has already left at 08:40.

(c) Finds the original Train B journey time is 09:22 - 08:40 = 42 minutes **M1**

(c) 09:52 cao **A1**

(c) Answer: 09:52

Question 12

correct option A (8 hours 15 minutes) cao **B1**

Answer: A) 8 hours 15 minutes

Question 13

(a) Correct method: 10:30 minus 15 minutes **M1**

(a) 10:15 cao **A1**

(a) Answer: 10:15

(b) Finds the latest departure time by subtracting the 50 minute journey from 10:15, giving 09:25 (ft) **M1**

(b) Lists or identifies bus departure times at 20 minute intervals up to 09:25, e.g. ..., 08:40, 09:00, 09:20, 09:40 **M1**

(b) 09:20 cao, ft **A1**

(b) Answer: 09:20

Question 14

correct option C (Monday) cao **B1**

Answer: C) Monday

Question 15

correct option D (Wednesday) cao **B1**

Answer: D) Wednesday

Question 16

(a) 08:10 cao **B1**

(a) Answer: 08:10

(b) Identifies that the 08:05 train has already departed before she arrives at 08:10, ft **M1**

(b) Identifies the next available train as the 08:50 service **M1**

(b) 09:28 cao (08:50 + 0:38) **A1**

(b) Answer: 08:50 train; arrives in Fenwick at 09:28

(c) Finds the delayed coach arrival at Coombe: 08:10 + 0:45 = 08:55, ft **M1**

(c) Identifies that the 08:50 train has now already departed, so the next train is at 09:35 **M1**

(c) 10:13 cao (09:35 + 0:38) **A1**

(c) Answer: No; she now arrives at Coombe at 08:55, missing the 08:50 train, so she catches the 09:35 train and arrives in Fenwick at 10:13.

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Question 17

correct option B (7 hours 50 minutes) cao **B1**

Answer: B) 7 hours 50 minutes

Question 18

correct option C (Thursday) cao **B1**

Answer: C) Thursday

Question 19

correct option E (1,140) cao **B1**

Answer: E) 1,140

Question 20

correct option C (9 weeks 5 days) cao **B1**

Answer: C) 9 weeks 5 days

Question 21

correct option E (Friday) cao **B1**

Answer: E) Friday

Question 22

correct option C (Tuesday) cao **B1**

Answer: C) Tuesday

Question 23

correct option B (8 hours 30 minutes) cao **B1**

Answer: B) 8 hours 30 minutes

Question 24

correct option C (Friday) cao **B1**

Answer: C) Friday

Question 25

correct option E (10 minutes 45 seconds) cao **B1**

Answer: E) 10 minutes 45 seconds

Question 26

(a) 09:10 cao **B1**

(a) Answer: 09:10

(b) 15 minutes cao **B1**

(b) Answer: 15 minutes

(c) 4 cao **B1**

(c) Answer: 4

Question 27

correct option C (210) cao **B1**

Answer: C) 210

Question 28

(a) 2 hours 30 minutes oe **B1**

(a) Answer: 2 h 30 min

(b) 135 minutes cao **B1**

(b) Answer: 135 minutes

(c) 220 minutes cao **B1**

(c) Answer: 220 minutes

Question 29

correct option C (Saturday) cao **B1**

Answer: C) Saturday

Question 30

correct option A (1,110) cao **B1**

Answer: A) 1,110

Question 31

(a) 2 hours cao **B1**

(a) Answer: 2 hours

(b) Identifies Lane swim (10:30 to 12:00) as the session running **M1**

(b) 15 minutes cao **A1**

(b) Answer: Lane swim; 15 minutes remaining

Question 32

correct option C (6 hours 55 minutes) cao **B1**

Answer: C) 6 hours 55 minutes

Question 33

correct option A (Saturday) cao **B1**

Answer: A) Saturday

Question 34

correct option A (Monday) cao **B1**

Answer: A) Monday

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