2.9 Time and Timetables: 30-minute Pack

GL ASSESSMENT GL · Calculators not allowed · about 30 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Write 269 hours in days and hours.

- [ ] A) 11 days 5 hours
- [ ] B) 11 days 10 hours
- [ ] C) 11 days 15 hours
- [ ] D) 12 days 5 hours
- [ ] E) 2 days 69 hours

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2 Today is Monday. What day of the week will it be in 58 days?

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

---

3 How many days are there in 14 weeks?

- [ ] A) 1,400
- [ ] B) 98
- [ ] C) 2
- [ ] D) 21
- [ ] E) 99

---

4 Today is Tuesday. What day of the week will it be in 20 days?

- [ ] A) Tuesday
- [ ] B) Sunday
- [ ] C) Thursday
- [ ] D) Monday
- [ ] E) Wednesday

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5 How many seconds are there in 6.25 minutes?

- [ ] A) 375
- [ ] B) 374
- [ ] C) 312.5
- [ ] D) 66.25
- [ ] E) 625

---

6 Write 820 minutes in hours and minutes.

- [ ] A) 14 hours 40 minutes
- [ ] B) 40 hours 13 minutes
- [ ] C) 8 hours 20 minutes
- [ ] D) 13 hours 50 minutes
- [ ] E) 13 hours 40 minutes

---

7 Today is Friday. What day of the week will it be in 53 days?

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

---

8 How many days are there in 3 weeks?

- [ ] A) 20
- [ ] B) 21
- [ ] C) 300
- [ ] D) 10
- [ ] E) 22

---

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

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

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10 Write 505 seconds in minutes and seconds.

- ☐ A) 8 minutes 25 seconds
- ☐ B) 5 minutes 5 seconds
- ☐ C) 25 minutes 8 seconds
- ☐ D) 9 minutes 25 seconds
- ☐ E) 8 minutes 35 seconds

---

11 Today is Sunday. What day of the week will it be in 40 days?

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

---

12 A ferry departs every 40 minutes, starting at 06:00. The last ferry of the day departs at 20:40.

(a) How many ferries depart in total during the day, from 06:00 to 20:40 inclusive? **(2)**

.....

(b) Hassan arrives at the port at 13:55. How many minutes must he wait for the next ferry? **(2)**

.....

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13 Today is Saturday. What day of the week will it be in 310 days?

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

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14 Write 750 seconds in minutes and seconds.

- [ ] A) 7 minutes 50 seconds
- [ ] B) 12 minutes 30 seconds
- [ ] C) 30 minutes 12 seconds
- [ ] D) 12 minutes 35 seconds
- [ ] E) 13 minutes 30 seconds

---

15 Today is Thursday. What day of the week will it be in 26 days?

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

---

16 Write 910 minutes in hours and minutes.

- [ ] A) 9 hours 10 minutes
- [ ] B) 15 hours 15 minutes
- [ ] C) 10 hours 15 minutes
- [ ] D) 15 hours 10 minutes
- [ ] E) 16 hours 10 minutes

---

17 Today is Friday. What day of the week will it be in 272 days?

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

---

18 Write 715 minutes in hours and minutes.

- [ ] A) 11 hours 55 minutes
- [ ] B) 12 hours 55 minutes
- [ ] C) 11 hours 65 minutes
- [ ] D) 11 hours 60 minutes
- [ ] E) 7 hours 15 minutes

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19 Today is Wednesday. What day of the week will it be in 57 days?

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

---

20 Today is Friday. What day of the week will it be in 16 days?

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

---

21 A workout lasts 1 hour 20 minutes in total. 3/8 of the workout is spent on cardio.

(a) How many minutes are spent on cardio? **(2)**

.....

(b) The remaining time is split equally between strength training and stretching. How many minutes are spent on stretching? **(2)**

.....

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22 How many hours are there in 16.5 days?

- ☐ A) 1,650
- ☐ B) 0.6875
- ☐ C) 396
- ☐ D) 40.5
- ☐ E) 395

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23 Today is Sunday. What day of the week will it be in 15 days?

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

---

24 Write 264 hours in days and hours.

- [ ] A) 11 days 0 hours
- [ ] B) 11 days 5 hours
- [ ] C) 2 days 64 hours
- [ ] D) 11 days 10 hours
- [ ] E) 12 days 0 hours

---

25 Today is Friday. What day of the week will it be in 47 days?

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

---

26 How many seconds are there in 19.5 minutes?

- [ ] A) 1,950
- [ ] B) 1,171
- [ ] C) 79.5
- [ ] D) 1,230
- [ ] E) 1,170

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Mark scheme · 2.9 Time and Timetables: 30-minute Pack

Question 1

correct option A (11 days 5 hours) cao **B1**

Answer: A) 11 days 5 hours

Question 2

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

Answer: E) Wednesday

Question 3

correct option B (98) cao **B1**

Answer: B) 98

Question 4

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

Answer: D) Monday

Question 5

correct option A (375) cao **B1**

Answer: A) 375

Question 6

correct option E (13 hours 40 minutes) cao **B1**

Answer: E) 13 hours 40 minutes

Question 7

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

Answer: C) Tuesday

Question 8

correct option B (21) cao **B1**

Answer: B) 21

Question 9

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

Answer: D) Saturday

Question 10

correct option A (8 minutes 25 seconds) cao **B1**

Answer: A) 8 minutes 25 seconds

Question 11

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

Answer: C) Friday

Question 12

(a) Finds the total time span 06:00 to 20:40 is 14 h 40 min (880 minutes) and divides by 40 **M1**

(a) 23 cao **A1**

(a) Answer: 23 ferries

(b) Identifies the next departure after 13:55 as 14:00, using correct multiples of 40 minutes from 06:00 **M1**

(b) 5 minutes cao **A1**

(b) Answer: 5 minutes

Question 13

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

Answer: E) Monday

Question 14

correct option B (12 minutes 30 seconds) cao **B1**

Answer: B) 12 minutes 30 seconds

Question 15

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

Answer: D) Tuesday

Question 16

correct option D (15 hours 10 minutes) cao **B1**

Answer: D) 15 hours 10 minutes

Question 17

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

Answer: B) Thursday

Question 18

correct option A (11 hours 55 minutes) cao **B1**

Answer: A) 11 hours 55 minutes

Question 19

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

Answer: E) Thursday

Question 20

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

Answer: D) Sunday

Question 21

(a) Converts 1 hour 20 minutes to 80 minutes (oe) **M1**

(a) 30 minutes cao **A1**

(a) Answer: 30 minutes

(b) Finds the remaining time is 80 - 30 = 50 minutes (ft) **M1**

(b) 25 minutes cao, ft **A1**

(b) Answer: 25 minutes

Question 22

correct option C (396) cao **B1**

Answer: C) 396

Question 23

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

Answer: B) Monday

Question 24

correct option A (11 days 0 hours) cao **B1**

Answer: A) 11 days 0 hours

Question 25

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

Answer: E) Wednesday

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Question 26

correct option E (1,170) cao **B1**

Answer: E) 1,170

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