7.4 Time: Clocks, Duration and Calendars: Test Pack

Total Marks

Calculators not allowed · about 60 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Write the time shown on the clock. The hour hand is on 3 and the minute hand is on 12.

(1)

2 A train finishes at 20:35 after taking 3 hours 36 minutes.

What time did it start? Write your answer as a 24-hour clock time.

Answer: ___

(2)

3 Write 11:05 pm as a 24-hour clock time.

Answer: ___

(1)

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4 Part of a train timetable is shown.

Grange: 13:00
Hollin: 13:22
Ashby: 13:31
Bridgton: 13:51

How many minutes does the train take to travel from Ashby to Bridgton?

Answer: ___ minutes

(2)

---

5 Write 23:50 using am or pm.

Answer: ___

(1)

---

6 There are 24 hours in one day. How many hours are there in 3 days and 6 hours?

(1)

---

7 The 1st of the month is a Friday.

What day of the week is the 15th?

Answer: ___

(2)

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8 A coach leaves at 10:40 and takes 56 minutes.

What time does it finish? Write your answer as a 24-hour clock time.

Answer: ___

(1)

9 This is a clock with Roman numerals. The hour hand is between 8 and 9. The minute hand points exactly to IV.

What time does the clock show? Write your answer in words, using past or to.

Answer: ___

(1)

10 A film starts at 09:04 and ends at 09:51.

How many minutes does it take?

Answer: ___ minutes

(1)

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11 Part of a train timetable is shown.

Carlow: 14:20
Grange: 15:00
Fenwick: 15:21
Bridgton: 15:42

Uma arrives at Fenwick station at 15:15.

How many minutes must they wait for the train?

Answer: ___ minutes

(2)

---

12 A coach finishes at 11:50 after taking 2 hours 40 minutes.

What time did it start? Write your answer as a 24-hour clock time.

Answer: ___

(2)

---

13 How many minutes are there between 2:25 and 4:00? Give the answer in minutes.

(2)

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14 This is a clock with Roman numerals. The hour hand is between 12 and 1. The minute hand points exactly to VIII.

What time does the clock show? Write your answer in words, using past or to.

Answer: ___

(1)

---

15 Part of a train timetable is shown.

Hollin: 06:55
Ashby: 07:33
Eastleigh: 07:44
Bridgton: 08:03

How many minutes does the train take to travel from Ashby to Eastleigh?

Answer: ___ minutes

(2)

---

16 This is a clock. The hour hand is between 11 and 12. The minute hand points exactly to 10.

What time does the clock show? Write your answer as a digital time.

Answer: ___

(1)

---

17 Which of these months has 30 days? March, December, June

Answer: ___

(1)

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18 Explain your answer. Which is longer: half an hour or 25 minutes? Write one sentence to explain why.

(2)

19 The 1st of the month is a Saturday.

What day of the week is the 27th?

Answer: ___

(2)

20 This is a clock. The hour hand is between 6 and 7. The minute hand points exactly to 7.

What time does the clock show? Write your answer in words, using past or to.

Answer: ___

(1)

21 This is a clock. The hour hand is between 12 and 1. The minute hand points exactly to 2.

What time does the clock show? Write your answer as a digital time.

Answer: ___

(1)

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22 This is a clock. The hour hand is between 2 and 3. The minute hand points exactly to 6.

What time does the clock show? Write your answer in words, using past or to.

Answer: ___

(1)

23 A train leaves at 18:30 and arrives at 21:13.

How many minutes does it take?

Answer: ___ minutes

(1)

24 How many days are there in November and December together? (Use 28 days for February.)

Answer: ___ days

(1)

25 The 1st of the month is a Friday.

What day of the week is the 14th?

Answer: ___

(2)

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26 Which of these months has 31 days? April, February, October

Answer: ___

(1)

---

27 How many days are there in 12 weeks and 1 days?

Answer: ___

(1)

---

28 Part of a train timetable is shown.

Eastleigh: 10:45
Dunmere: 11:11
Bridgton: 11:33
Grange: 11:40

Priya arrives at Eastleigh station at 10:26.

How many minutes must they wait for the train?

Answer: ___ minutes

(2)

---

29 This is a clock. The hour hand is between 10 and 11. The minute hand points exactly to 5.

What time does the clock show? Write your answer as a digital time.

Answer: ___

(1)

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30 A baker starts making bread at 5:40 am. The process takes 2 hours 30 minutes. At what time is the bread ready?

(2)

---

31 Part of a train timetable is shown.

Eastleigh: 07:15
Carlow: 07:38
Bridgton: 07:58
Ashby: 08:20

How many minutes does the train take to travel from Carlow to Ashby?

Answer: ___ minutes

(1)

---

32 This is a clock. The hour hand is between 1 and 2. The minute hand points exactly to 9.

What time does the clock show? Write your answer as a digital time.

Answer: ___

(1)

---

33 This is a clock. The hour hand is between 6 and 7. The minute hand points exactly to 6.

What time does the clock show? Write your answer as a digital time.

Answer: ___

(1)

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Mark scheme · 7.4 Time: Clocks, Duration and Calendars: Test Pack

A correct answer earns full marks unless the question asks for working, a method, proof or explanation.

Question 1

3:00 or 3 o'clock cao — **B1**

Answer: **3:00**

Question 2

subtracts hours then minutes — **M1**

16:59 cao — **A1**

Answer: **16:59**

Question 3

23:05 cao — **B1**

Answer: **23:05**

Question 4

finds the difference between the two times (counting on or subtracting) — **M1**

20 minutes cao — **A1**

Answer: **20 minutes**

Question 5

11:50 pm cao — **B1**

Answer: **11:50 pm**

Question 6

78 cao — **B1**

Answer: **78**

Question 7

counts in 7s — **M1**

Friday cao — **A1**

Answer: **Friday**

Question 8

11:36 cao — **B1**

Answer: **11:36**

Question 9

20 minutes past 8 cao — **B1**

Answer: **20 minutes past 8**

Question 10

47 minutes cao — **B1**

Answer: **47 minutes**

Question 11

finds the wait between arriving and the departure time (counting on or subtracting) — **M1**

6 minutes cao — **A1**

Answer: **6 minutes**

Question 12

subtracts hours then minutes — **M1**

09:10 cao — **A1**

Answer: **09:10**

Question 13

Find difference: 2:25 to 3:00 = 35 minutes and 3:00 to 4:00 = 60 minutes (or convert 2:25 to minutes and 4:00 to minutes) seen — **M1**

95 minutes cao — **B1**

Answer: **95**

Question 14

20 minutes to 1 cao — **B1**

Answer: **20 minutes to 1**

Question 15

finds the difference between the two times (counting on or subtracting) — **M1**

11 minutes cao — **A1**

Answer: **11 minutes**

Question 16

11:50 cao — **B1**

Answer: **11:50**

Question 17

June cao — **B1**

Answer: **June**

Question 18

Show equivalence or compare: half an hour = 30 minutes seen — **M1**

State half an hour is longer because 30 > 25 cao — **B1**

Answer: **Half an hour is longer**

Question 19

counts in 7s — **M1**

Thursday cao — **A1**

Answer: **Thursday**

Question 20

25 minutes to 7 cao — **B1**

Answer: **25 minutes to 7**

Question 21

12:10 cao — **B1**

Answer: **12:10**

Question 22

half past 2 cao — **B1**

Answer: **half past 2**

Question 23

163 minutes cao — **B1**

Answer: **163 minutes**

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Question 24

61 days cao	**B1**

Answer: **61 days**

Question 25

counts in 7s	**M1**
Thursday cao	**A1**

Answer: **Thursday**

Question 26

October cao	**B1**

Answer: **October**

Question 27

85 cao	**B1**

Answer: **85**

Question 28

finds the wait between arriving and the departure time (counting on or subtracting)	**M1**
19 minutes cao	**A1**

Answer: **19 minutes**

Question 29

10:25 cao	**B1**

Answer: **10:25**

Question 30

Add 2 hours to 5:40 (7:40) and add 30 minutes = 8:10 or equivalent	**M1**
8:10 am cao	**B1**

Answer: **8:10**

Question 31

42 minutes cao	**B1**

Answer: **42 minutes**

Question 32

1:45 cao	**B1**

Answer: **1:45**

Question 33

6:30 cao	**B1**

Answer: **6:30**

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