7.4 Time: Clocks, Duration and Calendars: 1-hour Pack

Calculators not allowed · about 60 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 This is a clock with Roman numerals. The hour hand is between 2 and 3. The minute hand points exactly to VII.

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

Answer: ___

(1)

2 A school trip starts on 12 July and finishes on 23 July.

How many days is it from the start date to the finish date?

Answer: ___ days

(1)

3 Part of a train timetable is shown.

Ashby: 13:30
Eastleigh: 13:43
Hollin: 13:51
Carlow: 14:02

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

Answer: ___ minutes

(1)

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4 This is a clock. The hour hand is between 1 and 2. The minute hand points exactly to 3.

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

Answer: ___

(1)

5 A train leaves at 08:18 and arrives at 10:12.

How many minutes does it take?

Answer: ___ minutes

(2)

6 Liam practises piano every Monday and Thursday. If today is Thursday 3 June, how many days until his next practice?

(2)

7 This is a clock. The hour hand is between 1 and 2. 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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8 Part of a train timetable is shown.

Ashby: 06:05
Hollin: 06:36
Eastleigh: 06:44
Fenwick: 07:12

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

Answer: ___ minutes

(2)

---

9 This is a clock. The hour hand is between 4 and 5. The minute hand is 1 small mark past the 4.

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

Answer: ___

(1)

---

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

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

Answer: ___

(1)

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11 This is a clock with Roman numerals. The hour hand is between 4 and 5. The minute hand points exactly to III.

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

Answer: ___

(1)

12 Ivan plants a seed on 16 January. It flowers 7 days later.

On which date does it flower? Write the day number and month.

Answer: ___

(1)

13 How many minutes are there in 3 hours and 45 minutes?

Answer: ___

(1)

14 Part of a train timetable is shown.

Dunmere: 13:15
Bridgton: 13:25
Grange: 13:44
Hollin: 14:06

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

Answer: ___ minutes

(2)

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15 This is a clock. The hour hand is between 1 and 2. The minute hand points exactly to 5.

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

Answer: ___

(1)

16 The 1st of the month is a Monday.

What day of the week is the 9th?

Answer: ___

(1)

17 A train leaves at 08:07 and takes 3 hours 39 minutes.

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

Answer: ___

(2)

18 How many seconds are there in 12 minutes?

Answer: ___

(1)

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19 The 1st of the month is a Tuesday.

What day of the week is the 21st?

Answer: ___

(2)

---

20 This is a clock with Roman numerals. The hour hand is between 11 and 12. The minute hand points exactly to III.

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

Answer: ___

(1)

---

21 4 hours 15 minutes is how many minutes?

Answer: ___ minutes

(1)

---

22 The 1st of the month is a Sunday.

What day of the week is the 28th?

Answer: ___

(1)

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23 Part of a train timetable is shown.

Dunmere: 07:35
Fenwick: 07:58
Eastleigh: 08:07
Hollin: 08:30

Daisy arrives at Fenwick station at 07:34.

How many minutes must they wait for the train?

Answer: ___ minutes

(2)

---

24 The 1st of the month is a Sunday.

What day of the week is the 10th?

Answer: ___

(2)

---

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

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

Answer: ___

(1)

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26 This is a clock. The hour hand is between 9 and 10. The minute hand is 3 small marks past the 6.

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

Answer: ___

(1)

---

27 This is a clock with Roman numerals. The hour hand is between 9 and 10. The minute hand points exactly to VI.

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

Answer: ___

(1)

---

28 How many minutes are there in 8 hours and 15 minutes?

Answer: ___

(1)

---

29 This is a clock with Roman numerals. The hour hand is between 3 and 4. The minute hand points exactly to X.

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

Answer: ___

(1)

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30 If a digital clock shows 09:05, what time was it 15 minutes earlier?

(1)

---

31 Hassan plants a seed on 2 February. It flowers 4 days later.

On which date does it flower? Write the day number and month.

Answer: ___

(1)

---

32 3 hours 30 minutes is how many minutes?

Answer: ___ minutes

(1)

---

33 A train leaves at 10:10 and arrives at 12:38.

How many minutes does it take?

Answer: ___ minutes

(1)

---

34 This is a clock. The hour hand is between 11 and 12. The minute hand points exactly to 8.

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

Answer: ___

(1)

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

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

Answer: ___

(1)

36 A train finishes at 16:25 after taking 1 hour 26 minutes.

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

Answer: ___

(2)

37 The school day starts at 8:55 and ends at 3:15. How many hours and minutes long is the school day?

(2)

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Mark scheme · 7.4 Time: Clocks, Duration and Calendars: 1-hour Pack

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

Question 1

2:35 cao — **B1**

Answer: **2:35**

Question 2

11 days cao — **B1**

Answer: **11 days**

Question 3

11 minutes cao — **B1**

Answer: **11 minutes**

Question 4

quarter past 1 cao — **B1**

Answer: **quarter past 1**

Question 5

counts on to the next hour or minutes calculation — **M1**

114 minutes cao — **A1**

Answer: **114 minutes**

Question 6

Find next practice on Monday; count days Thursday->Monday = 4 days seen — **M1**

4 days cao — **B1**

Answer: **4 days**

Question 7

1:25 cao — **B1**

Answer: **1:25**

Question 8

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

31 minutes cao — **A1**

Answer: **31 minutes**

Question 9

4:21 cao — **B1**

Answer: **4:21**

Question 10

10 minutes to 9 cao — **B1**

Answer: **10 minutes to 9**

Question 11

4:15 cao — **B1**

Answer: **4:15**

Question 12

23 January cao — **B1**

Answer: **23 January**

Question 13

225 cao — **B1**

Answer: **225**

Question 14

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

10 minutes cao — **A1**

Answer: **10 minutes**

Question 15

25 minutes past 1 cao — **B1**

Answer: **25 minutes past 1**

Question 16

Tuesday cao — **B1**

Answer: **Tuesday**

Question 17

adds hours then minutes — **M1**

11:46 cao — **A1**

Answer: **11:46**

Question 18

720 cao — **B1**

Answer: **720**

Question 19

counts in 7s — **M1**

Monday cao — **A1**

Answer: **Monday**

Question 20

quarter past 11 cao — **B1**

Answer: **quarter past 11**

Question 21

255 minutes cao — **B1**

Answer: **255 minutes**

Question 22

Saturday cao — **B1**

Answer: **Saturday**

Question 23

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

24 minutes cao — **A1**

Answer: **24 minutes**

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Question 24

counts in 7s	M1
Tuesday cao	A1

Answer: **Tuesday**

Question 25

quarter past 8 cao	B1

Answer: **quarter past 8**

Question 26

27 minutes to 10 cao	B1

Answer: **27 minutes to 10**

Question 27

half past 9 cao	B1

Answer: **half past 9**

Question 28

495 cao	B1

Answer: **495**

Question 29

3:50 cao	B1

Answer: **3:50**

Question 30

08:50 cao	B1

Answer: **08:50**

Question 31

6 February cao	B1

Answer: **6 February**

Question 32

210 minutes cao	B1

Answer: **210 minutes**

Question 33

148 minutes cao	B1

Answer: **148 minutes**

Question 34

20 minutes to 12 cao	B1

Answer: **20 minutes to 12**

Question 35

12:30 cao	B1

Answer: **12:30**

Question 36

subtracts hours then minutes	M1
14:59 cao	A1

Answer: **14:59**

Question 37

Find difference: 8:55 to 15:15 seen (for example 8:55 to 9:00 then to 15:15) or convert to minutes	M1
6 hours 20 minutes cao	B1

Answer: **6 hours 20 minutes**

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