7.4 Time: Clocks, Duration and Calendars: 2-hour Pack

Total Marks

Calculators not allowed · about 120 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 A train leaves at 17:13 and takes 4 hours 59 minutes.

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

Answer: ___

(1)

2 Part of a train timetable is shown.

Carlow: 14:45
Bridgton: 15:08
Grange: 15:24
Dunmere: 15:43

Reece arrives at Grange station at 15:03.

How many minutes must they wait for the train?

Answer: ___ minutes

(2)

3 A school fair starts at 10:40 and lasts for 3 hours 20 minutes, including a 30-minute break. How much time is spent on activities (not the break)?

(2)

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4 Callum plants a seed on 8 July. It flowers 7 days later.

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

Answer: ___

(1)

---

5 A lesson starts at 08:16 and takes 3 hours 8 minutes.

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

Answer: ___

(2)

---

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

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

Answer: ___

(1)

---

7 This is a clock. The hour hand is between 12 and 1. The minute hand points exactly to 9.

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

Answer: ___

(1)

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

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

Answer: ___

(1)

9 Write the time shown: the short hand is just after 7 and the long hand is on 6.

(1)

10 Part of a train timetable is shown.

Hollin: 06:45
Fenwick: 07:18
Dunmere: 07:58
Grange: 08:17

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

Answer: ___ minutes

(1)

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

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

Answer: ___

(1)

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

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

Answer: ___

(1)

13 Part of a train timetable is shown.

Carlow: 10:15
Dunmere: 10:31
Grange: 10:50
Eastleigh: 10:58

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

Answer: ___ minutes

(2)

14 Part of a train timetable is shown.

Hollin: 06:50
Grange: 07:11
Fenwick: 07:32
Dunmere: 07:43

Kofi arrives at Hollin station at 06:39.

How many minutes must they wait for the train?

Answer: ___ minutes

(2)

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15 How many days are there in 3 weeks?

Answer: ___

(1)

---

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

Answer: ___ days

(1)

---

17 Part of a train timetable is shown.

Dunmere: 08:40
Bridgton: 09:12
Carlow: 09:24
Fenwick: 09:31

Ravi arrives at Bridgton station at 08:57.

How many minutes must they wait for the train?

Answer: ___ minutes

(2)

---

18 The 1st of the month is a Wednesday.

What day of the week is the 28th?

Answer: ___

(1)

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19 This is a clock with Roman numerals. The hour hand is between 5 and 6. The minute hand points exactly to V.

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

Answer: ___

(1)

---

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

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 4 and 5. The minute hand points exactly to 7.

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

Answer: ___

(1)

---

22 How many seconds are there in 2 minutes and 10 seconds?

Answer: ___

(1)

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23 The 1st of the month is a Monday.

What day of the week is the 19th?

Answer: ___

(1)

---

24 This is a clock. The hour hand is between 7 and 8. The minute hand points exactly to 7.

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

Answer: ___

(1)

---

25 Part of a train timetable is shown.

Hollin: 06:45
Fenwick: 06:57
Ashby: 07:33
Dunmere: 07:59

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

Answer: ___ minutes

(1)

---

26 A film starts at 2:20 pm and lasts for 1 hour 45 minutes. What time does the film finish?

(2)

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27 This is a clock. The hour hand is between 5 and 6. The minute hand points exactly to 4.

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

Answer: ___

(1)

---

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

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

Answer: ___

(1)

---

29 How many days are there in 8 weeks and 6 days?

Answer: ___

(1)

---

30 Part of a train timetable is shown.

Ashby: 13:30
Grange: 13:37
Eastleigh: 14:12
Hollin: 14:48

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

Answer: ___ minutes

(2)

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31 Write 4:45 pm as a 24-hour clock time.

Answer: ___

(1)

---

32 Part of a train timetable is shown.

Hollin: 10:30
Ashby: 10:46
Fenwick: 10:53
Eastleigh: 11:07

Callum arrives at Hollin station at 10:14.

How many minutes must they wait for the train?

Answer: ___ minutes

(2)

---

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

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

Answer: ___

(1)

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34 Part of a train timetable is shown.

Fenwick: 14:45
Ashby: 15:05
Bridgton: 15:40
Carlow: 15:59

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

Answer: ___ minutes

(2)

---

35 This is a clock. The hour hand is between 11 and 12. The minute hand points exactly to 3.

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

Answer: ___

(1)

---

36 Sarah checks the clock at 9:50. She has a 20-minute walk to school. She arrives at school at what time?

(1)

---

37 The 1st of the month is a Tuesday.

What day of the week is the 19th?

Answer: ___

(2)

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38 This is a clock. The hour hand is between 7 and 8. The minute hand points exactly to 11.

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

Answer: ___

(1)

---

39 This is a clock. The hour hand is between 7 and 8. The minute hand points exactly to 8.

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

Answer: ___

(1)

---

40 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 as a digital time.

Answer: ___

(1)

---

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

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

Answer: ___

(1)

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42 Ivan plants a seed on 17 October. It flowers 8 days later.

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

Answer: ___

(1)

---

43 This is a clock. The hour hand is between 10 and 11. The minute hand points exactly to 8.

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

Answer: ___

(1)

---

44 Part of a train timetable is shown.

Eastleigh: 10:15
Bridgton: 10:50
Dunmere: 11:13
Fenwick: 11:52

Kofi arrives at Bridgton station at 10:27.

How many minutes must they wait for the train?

Answer: ___ minutes

(2)

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45 A school trip starts on 1 July and finishes on 19 July.

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

Answer: ___ days

(1)

---

46 A film finishes at 07:33 after taking 1 hour 2 minutes.

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

Answer: ___

(2)

---

47 How many minutes are there in 6 hours and 45 minutes?

Answer: ___

(1)

---

48 Noah plants a seed on 4 May. It flowers 4 days later.

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

Answer: ___

(1)

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49 This is a clock. The hour hand is between 6 and 7. The minute hand points exactly to 2.

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

Answer: ___

(1)

---

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

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

Answer: ___

(1)

---

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

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

Answer: ___

(1)

---

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

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

Answer: ___

(1)

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53 Write the time that is 2 hours and 15 minutes after 11:30.

(1)

---

54 A school trip starts on 9 August and finishes on 23 August.

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

Answer: ___ days

(1)

---

55 Part of a train timetable is shown.

Fenwick: 08:20
Bridgton: 08:57
Carlow: 09:17
Dunmere: 09:28

Layla arrives at Fenwick station at 08:07.

How many minutes must they wait for the train?

Answer: ___ minutes

(2)

---

56 Write 4:40 pm as a 24-hour clock time.

Answer: ___

(1)

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57 1 hours 15 minutes is how many minutes?

Answer: ___ minutes

(1)

---

58 This is a clock. The hour hand is between 9 and 10. The minute hand is 3 small marks past the 1.

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

Answer: ___

(1)

---

59 This is a clock with Roman numerals. The hour hand is between 6 and 7. The minute hand points exactly to VIII.

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

Answer: ___

(1)

---

60 Write 5:10 pm as a 24-hour clock time.

Answer: ___

(1)

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61 This is a clock. The hour hand is between 11 and 12. The minute hand points exactly to 1.

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

Answer: ___

(1)

---

62 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 as a digital time.

Answer: ___

(1)

---

63 Zara plants a seed on 10 September. It flowers 6 days later.

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

Answer: ___

(1)

---

64 How many days are there in 5 weeks?

Answer: ___

(1)

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

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

Answer: ___

(1)

---

66 This is a clock with Roman numerals. The hour hand is between 6 and 7. The minute hand points exactly to I.

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

Answer: ___

(1)

---

67 This is a clock with Roman numerals. The hour hand is between 10 and 11. The minute hand points exactly to V.

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

Answer: ___

(1)

---

68 The 1st of the month is a Monday.

What day of the week is the 11th?

Answer: ___

(2)

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69 Part of a train timetable is shown.

Grange: 09:05
Hollin: 09:41
Fenwick: 09:51
Carlow: 10:28

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

Answer: ___ minutes

(2)

---

70 Layla plants a seed on 20 December. It flowers 6 days later.

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

Answer: ___

(1)

---

71 Ali got on a train at 10:05. The journey lasted 1 hour 5 minutes. What time did Ali get off the train?

(1)

---

72 This is a clock with Roman numerals. The hour hand is between 7 and 8. The minute hand points exactly to I.

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

Answer: ___

(1)

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73 This is a clock. The hour hand is between 8 and 9. The minute hand is 3 small marks past the 4.

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

Answer: ___

(2)

---

74 Part of a train timetable is shown.

Hollin: 07:45
Fenwick: 08:04
Dunmere: 08:43
Carlow: 08:57

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

Answer: ___ minutes

(2)

---

75 A school trip starts on 11 February and finishes on 19 February.

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

Answer: ___ days

(1)

---

76 2 hours 30 minutes is how many minutes?

Answer: ___ minutes

(1)

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Mark scheme · 7.4 Time: Clocks, Duration and Calendars: 2-hour Pack

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

Question 1

22:12 cao — **B1**

Answer: **22:12**

Question 2

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

21 minutes cao — **A1**

Answer: **21 minutes**

Question 3

Subtract 30 minutes from 3 hours 20 minutes seen (3:20 - 0:30 or convert to minutes 200 - 30) — **M1**

2 hours 50 minutes cao — **B1**

Answer: **2 hours 50 minutes**

Question 4

15 July cao — **B1**

Answer: **15 July**

Question 5

adds hours then minutes — **M1**

11:24 cao — **A1**

Answer: **11:24**

Question 6

3:15 cao — **B1**

Answer: **3:15**

Question 7

12:45 cao — **B1**

Answer: **12:45**

Question 8

5 minutes to 12 cao — **B1**

Answer: **5 minutes to 12**

Question 9

7:30 or half past 7 cao — **B1**

Answer: **7:30**

Question 10

92 minutes cao — **B1**

Answer: **92 minutes**

Question 11

20 minutes past 1 cao — **B1**

Answer: **20 minutes past 1**

Question 12

25 minutes past 2 cao — **B1**

Answer: **25 minutes past 2**

Question 13

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

16 minutes cao — **A1**

Answer: **16 minutes**

Question 14

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

11 minutes cao — **A1**

Answer: **11 minutes**

Question 15

21 cao — **B1**

Answer: **21**

Question 16

62 days cao — **B1**

Answer: **62 days**

Question 17

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

15 minutes cao — **A1**

Answer: **15 minutes**

Question 18

Tuesday cao — **B1**

Answer: **Tuesday**

Question 19

5:25 cao — **B1**

Answer: **5:25**

Question 20

25 minutes past 12 cao — **B1**

Answer: **25 minutes past 12**

Question 21

4:35 cao — **B1**

Answer: **4:35**

Question 22

130 cao — **B1**

Answer: **130**

Question 23

Friday cao — **B1**

Answer: **Friday**

Question 24

7:35 cao — **B1**

Answer: **7:35**

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Question 25

48 minutes cao — **B1**

Answer: **48 minutes**

Question 26

Add 1 hour to 2:20 and then add 45 minutes (3:20 + 45 = 4:05) or equivalent method — **M1**

4:05 pm cao — **B1**

Answer: **4:05**

Question 27

5:20 cao — **B1**

Answer: **5:20**

Question 28

20 minutes to 2 cao — **B1**

Answer: **20 minutes to 2**

Question 29

62 cao — **B1**

Answer: **62**

Question 30

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

71 minutes cao — **A1**

Answer: **71 minutes**

Question 31

16:45 cao — **B1**

Answer: **16:45**

Question 32

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

16 minutes cao — **A1**

Answer: **16 minutes**

Question 33

9:35 cao — **B1**

Answer: **9:35**

Question 34

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

74 minutes cao — **A1**

Answer: **74 minutes**

Question 35

quarter past 11 cao — **B1**

Answer: **quarter past 11**

Question 36

10:10 cao — **B1**

Answer: **10:10**

Question 37

counts in 7s — **M1**

Saturday cao — **A1**

Answer: **Saturday**

Question 38

5 minutes to 8 cao — **B1**

Answer: **5 minutes to 8**

Question 39

20 minutes to 8 cao — **B1**

Answer: **20 minutes to 8**

Question 40

2:30 cao — **B1**

Answer: **2:30**

Question 41

4:20 cao — **B1**

Answer: **4:20**

Question 42

25 October cao — **B1**

Answer: **25 October**

Question 43

20 minutes to 11 cao — **B1**

Answer: **20 minutes to 11**

Question 44

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

23 minutes cao — **A1**

Answer: **23 minutes**

Question 45

18 days cao — **B1**

Answer: **18 days**

Question 46

subtracts hours then minutes — **M1**

06:31 cao — **A1**

Answer: **06:31**

Question 47

405 cao — **B1**

Answer: **405**

Question 48

8 May cao — **B1**

Answer: **8 May**

Question 49

6:10 cao — **B1**

Answer: **6:10**

Question 50

quarter past 2 cao — **B1**

Answer: **quarter past 2**

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Question 51

20 minutes to 3 cao — **B1**

Answer: **20 minutes to 3**

Question 52

20 minutes past 1 cao — **B1**

Answer: **20 minutes past 1**

Question 53

13:45 or 1:45 pm cao — **B1**

Answer: **1:45**

Question 54

14 days cao — **B1**

Answer: **14 days**

Question 55

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

13 minutes cao — **A1**

Answer: **13 minutes**

Question 56

16:40 cao — **B1**

Answer: **16:40**

Question 57

75 minutes cao — **B1**

Answer: **75 minutes**

Question 58

9:08 cao — **B1**

Answer: **9:08**

Question 59

6:40 cao — **B1**

Answer: **6:40**

Question 60

17:10 cao — **B1**

Answer: **17:10**

Question 61

11:05 cao — **B1**

Answer: **11:05**

Question 62

11:40 cao — **B1**

Answer: **11:40**

Question 63

16 September cao — **B1**

Answer: **16 September**

Question 64

35 cao — **B1**

Answer: **35**

Question 65

5 minutes past 2 cao — **B1**

Answer: **5 minutes past 2**

Question 66

5 minutes past 6 cao — **B1**

Answer: **5 minutes past 6**

Question 67

10:25 cao — **B1**

Answer: **10:25**

Question 68

counts in 7s — **M1**

Thursday cao — **A1**

Answer: **Thursday**

Question 69

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

10 minutes cao — **A1**

Answer: **10 minutes**

Question 70

26 December cao — **B1**

Answer: **26 December**

Question 71

11:10 cao — **B1**

Answer: **11:10**

Question 72

7:05 cao — **B1**

Answer: **7:05**

Question 73

hour read correctly — **M1**

23 minutes past 8 cao — **A1**

Answer: **23 minutes past 8**

Question 74

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

19 minutes cao — **A1**

Answer: **19 minutes**

Question 75

8 days cao — **B1**

Answer: **8 days**

Question 76

150 minutes cao — **B1**

Answer: **150 minutes**

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