7.7 Money and Time Problems: 1-hour Pack

Calculators not allowed · about 60 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 A train leaves at 18:02 and takes 4 hours 50 minutes.

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

Answer: ___

(2)

2 Part of a train timetable is shown.

Ashby: 12:50
Grange: 13:04
Hollin: 13:28
Eastleigh: 13:36

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

Answer: ___ minutes

(1)

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3 A train leaves at 06:25 and takes 4 hours 48 minutes.

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

Answer: ___

(2)

---

4 Part of a train timetable is shown.

Carlow: 12:25
Ashby: 12:38
Eastleigh: 13:11
Dunmere: 13:44

Isla arrives at Carlow station at 12:17.

How many minutes must they wait for the train?

Answer: ___ minutes

(2)

---

5 A lesson finishes at 23:10 after taking 3 hours 11 minutes.

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

Answer: ___

(1)

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6 Part of a train timetable is shown.

Carlow: 14:00
Dunmere: 14:12
Grange: 14:42
Eastleigh: 14:55

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

Answer: ___ minutes

(2)

---

7 Part of a train timetable is shown.

Fenwick: 12:50
Carlow: 13:25
Dunmere: 13:35
Hollin: 14:13

Mateo arrives at Carlow station at 13:21.

How many minutes must they wait for the train?

Answer: ___ minutes

(2)

---

8 Gift bags cost £1.92 each. Femi buys 5 and pays with £20.

How much change does Femi get?

Answer: £___

(2)

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9 A bun costs £1.12 and a apple costs £5.61.

How much more does the dearer item cost?

Answer: £___

(2)

---

10 Ellie reads for 25 minutes each day. How many minutes does she read in a week (7 days)?

(2)

---

11 A bakery sells buns in a pack for £3.60. If Maya buys 4 packs, how much does she pay?

(2)

---

12 This is a clock. The hour hand is between 3 and 4. The minute hand is 2 small marks past the 10.

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

Answer: ___

(1)

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13 Quinn buys 3 puzzles at 99p each, 2 scarves at £1.73 each and 3 balloons at £2.02 each. Quinn pays with £15.

How much change does Quinn get?

Answer: £___

(3)

---

14 This is a clock. The hour hand is between 11 and 12. The minute hand is 2 small marks past the 9.

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

Answer: ___

(1)

---

15 Books cost £1.98 each. Freya buys 4.

How much does Freya pay?

Answer: £___

(2)

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16 A coach leaves at 14:36 and arrives at 18:34.

How many minutes does it take?

Answer: ___ minutes

(2)

---

17 This is a clock. The hour hand is between 5 and 6. The minute hand is 2 small marks past the 9.

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

Answer: ___

(1)

---

18 Part of a train timetable is shown.

Eastleigh: 08:45
Hollin: 09:01
Ashby: 09:28
Bridgton: 09:49

Ethan arrives at Hollin station at 08:38.

How many minutes must they wait for the train?

Answer: ___ minutes

(2)

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19 Write 17:05 using am or pm.

Answer: ___

(1)

---

20 A train leaves at 08:39 and arrives at 12:35.

How many minutes does it take?

Answer: ___ minutes

(2)

---

21 A packet of stickers costs £1.20. How many packets can Priya buy with £6.00? Show how you work out your answer.

(2)

---

22 A film finishes at 15:30 after taking 3 hours 50 minutes.

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

Answer: ___

(2)

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23 Amira buys 5 comics at £1.29 each, 2 buns at £1.39 each and 3 notebooks at £1.99 each. Amira pays with £20.

How much change does Amira get?

Answer: £___

(3)

---

24 Part of a train timetable is shown.

Eastleigh: 06:00
Dunmere: 06:39
Ashby: 07:14
Carlow: 07:27

Kiran arrives at Ashby station at 07:03.

How many minutes must they wait for the train?

Answer: ___ minutes

(2)

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25 How many minutes are there in 9 hours?

Answer: ___

(1)

---

26 Maria spends £3.40 on fruit and twice as much on vegetables. How much does she spend altogether?

(2)

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Mark scheme · 7.7 Money and Time Problems: 1-hour Pack

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

Question 1

adds hours then minutes	M1
22:52 cao	A1

Answer: **22:52**

Question 2

14 minutes cao	B1

Answer: **14 minutes**

Question 3

adds hours then minutes	M1
11:13 cao	A1

Answer: **11:13**

Question 4

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

Answer: **8 minutes**

Question 5

19:59 cao	B1

Answer: **19:59**

Question 6

finds the difference between the two times (counting on or subtracting)	M1
42 minutes cao	A1

Answer: **42 minutes**

Question 7

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

Answer: **4 minutes**

Question 8

1.92 x 5 = 9.60 seen	M1
£10.40 cao	A1

Answer: **£10.40**

Question 9

subtraction method	M1
£4.49 cao	A1

Answer: **£4.49**

Question 10

multiplication 25 x 7 seen	M1
175 minutes cao	A1

Answer: **175 minutes**

Question 11

multiplication 3.60 x 4 or 3.6 x 4 shown	M1
£14.40 cao	A1

Answer: **£14.40**

Question 12

8 minutes to 4 cao	B1

Answer: **8 minutes to 4**

Question 13

2.97 seen	M1
total 12.49 seen	M1
£2.51 cao	A1

Answer: **£2.51**

Question 14

11:47 cao	B1

Answer: **11:47**

Question 15

1.98 x 4 method seen	M1
£7.92 cao	A1

Answer: **£7.92**

Question 16

counts on to the next hour or minutes calculation	M1
238 minutes cao	A1

Answer: **238 minutes**

Question 17

5:47 cao	B1

Answer: **5:47**

Question 18

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

Answer: **23 minutes**

Question 19

5:05 pm cao	B1

Answer: **5:05 pm**

Question 20

counts on to the next hour or minutes calculation	M1
236 minutes cao	A1

Answer: **236 minutes**

Question 21

division 6.00 / 1.20 or repeated subtraction shown	M1
5 cao	A1

Answer: **5**

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Question 22

subtracts hours then minutes	**M1**
11:40 cao	**A1**

Answer: **11:40**

Question 23

6.45 seen	**M1**
total 15.20 seen	**M1**
£4.80 cao	**A1**

Answer: **£4.80**

Question 24

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

Answer: **11 minutes**

Question 25

540 cao	**B1**

Answer: **540**

Question 26

calculate twice 3.40 = 6.80 and add 3.40 + 6.80	**M1**
£10.20 cao	**A1**

Answer: **£10.20**

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