7.7 Money and Time Problems: Test Pack

Calculators not allowed · about 60 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Write the amount in words: £3.50

(1)

2 How many days are there in 12 weeks?

Answer: ___

(1)

3 A bun costs £15.25 and a ruler costs £13.67. Yusuf pays with a £30 note.

How much change does Yusuf get?

Answer: £___

(2)

4 A car journey is 2 hours 40 minutes. A rest stop of 20 minutes is taken. How long from start to finish including the stop? Give your answer in hours and minutes.

(2)

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5 This is a clock. The hour hand is between 3 and 4. The minute hand is 1 small mark past the 6.

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

Answer: ___

(1)

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6 Write 17:55 using am or pm.

Answer: ___

(1)

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7 Freya buys 1 T-shirt at £1.68 each and 1 bun at £2.84 each. Freya pays with £5.

How much change does Freya get?

Answer: £___

(2)

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8 Fill in the blank: 90 minutes = ____ hours and minutes.

(1)

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9 Explain your answer: A school assembly starts at 09:05 and lasts 35 minutes. Some children say the assembly ends at 9:40. Is this correct? Explain how you know.

(3)

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10 Sam buys a notebook for £2.40 and a pencil case for £1.85. How much does he spend in total?

(2)

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11 Gift bags cost £7.87 each. Kofi buys 4.

How much does Kofi pay?

Answer: £___

(1)

---

12 A coach leaves at 15:09 and takes 42 minutes.

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

Answer: ___

(1)

---

13 A banana costs £1.63 and a apple costs £14.64.

How much more does the dearer item cost?

Answer: £___

(1)

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14 A coach leaves at 12:03 and arrives at 12:32.

How many minutes does it take?

Answer: ___ minutes

(2)

---

15 A lesson starts at 12:43 and takes 2 hours 58 minutes.

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

Answer: ___

(2)

---

16 A balloon costs £19.89 and a toy car costs £12.15.

What is the total cost of the two items?

Answer: £___

(2)

---

17 A lesson finishes at 21:34 after taking 4 hours 43 minutes.

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

Answer: ___

(2)

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18 A toy costs £8.90. There is a sale of 10% off the toy. How much will the toy cost after the discount? Give your answer in pounds and pence.

(2)

---

19 Priya buys 5 magnets at £1.45 each, 1 lolly at 46p each and 2 kites at £2.52 each. Priya pays with £15.

How much change does Priya get?

Answer: £___

(3)

---

20 This is a clock. The hour hand is between 2 and 3. The minute hand points exactly to 10.

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

Answer: ___

(1)

---

21 Mateo buys 3 scarves at 90p each, 4 notebooks at £1.33 each and 1 lolly at £2.62 each. Mateo pays with £15.

How much change does Mateo get?

Answer: £___

(3)

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22 Tickets cost £5.95 each. Mia buys 8.

How much does Mia pay?

Answer: £___

(2)

---

23 Yusuf buys 2 comics at 91p each and 1 puzzle at £3.17 each. Yusuf pays with £5.

How much change does Yusuf get?

Answer: £___

(2)

---

24 Dev buys 1 ruler at £3.14 each, 4 notebooks at 97p each and 1 kite at £3.02 each. Dev pays with £15.

How much change does Dev get?

Answer: £___

(3)

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25 Part of a train timetable is shown.

Bridgton: 13:30
Eastleigh: 13:52
Grange: 14:30
Fenwick: 14:58

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

Answer: ___ minutes

(2)

---

26 Oscar plants a seed on 1 November. It flowers 8 days later.

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

Answer: ___

(1)

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Mark scheme · 7.7 Money and Time Problems: Test Pack

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

Question 1

three pounds and fifty pence, or three pounds fifty (oe) — B1

Answer: **three pounds and fifty pence (or three pounds fifty)**

Question 2

84 cao — B1

Answer: **84**

Question 3

28.92 seen — M1

£1.08 cao — A1

Answer: **£1.08**

Question 4

add 2:40 and 0:20 to get 3:00 — M1

3 hours 0 minutes cao — A1

Answer: **3 hours 0 minutes**

Question 5

29 minutes to 4 cao — B1

Answer: **29 minutes to 4**

Question 6

5:55 pm cao — B1

Answer: **5:55 pm**

Question 7

1.68 seen — M1

£0.48 cao — A1

Answer: **£0.48**

Question 8

1 hour 30 minutes cao — B1

Answer: **1 hour 30 minutes**

Question 9

adds 35 minutes to 09:05 showing 09:05 + 0:35 or converts and adds to get 9:40 — M1

states the assembly ends at 9:40 cao — B1

gives a correct explanation, e.g. 09:05 + 35 minutes = 09:40 or 5 + 35 = 40 minutes so time is 09:40 — B1

Answer: **Yes. 09:05 plus 35 minutes is 09:40, because 5 minutes + 35 minutes = 40 minutes.**

Question 10

correct addition of amounts, e.g. 2.40 + 1.85 seen — M1

£4.25 cao — A1

Answer: **£4.25**

Question 11

£31.48 cao — B1

Answer: **£31.48**

Question 12

15:51 cao — B1

Answer: **15:51**

Question 13

£13.01 cao — B1

Answer: **£13.01**

Question 14

counts on to the next hour or minutes calculation — M1

29 minutes cao — A1

Answer: **29 minutes**

Question 15

adds hours then minutes — M1

15:41 cao — A1

Answer: **15:41**

Question 16

addition of pounds and pence — M1

£32.04 cao — A1

Answer: **£32.04**

Question 17

subtracts hours then minutes — M1

16:51 cao — A1

Answer: **16:51**

Question 18

10% of 8.90 calculated or 8.90 x 0.10 seen (0.89) — M1

£8.01 cao — A1

Answer: **£8.01**

Question 19

7.25 seen — M1

total 12.75 seen — M1

£2.25 cao — A1

Answer: **£2.25**

Question 20

2:50 cao — B1

Answer: **2:50**

Question 21

2.70 seen — M1

total 10.64 seen — M1

£4.36 cao — A1

Answer: **£4.36**

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Question 22

5.95 x 8 method seen	M1
£47.60 cao	A1

Answer: **£47.60**

Question 23

1.82 seen	M1
£0.01 cao	A1

Answer: **£0.01**

Question 24

3.14 seen	M1
total 10.04 seen	M1
£4.96 cao	A1

Answer: **£4.96**

Question 25

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

Answer: **66 minutes**

Question 26

9 November cao	B1

Answer: **9 November**

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