2.21-5 Worded Problems Set E: 10-minute Pack

GL ASSESSMENT GL-11PLUS-MATHS · Calculators not allowed · about 10 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Freya buys a birthday card for £2.30 and a small gift bag for £1.45. She pays with a £5 note. How much change does she get?

(1)

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2 A backpack usually costs £52. In a sale, 1/4 is taken off the price. What is the sale price?

(2)

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3 Four friends have a mean of £12 in their piggy banks. Wilf, Aisha and Tomasz have £9, £14 and £10. How much does the fourth friend, Delphine, have?

(2)

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4 A charity receives 108 donated toys. 1/6 of the toys are teddy bears. How many of the toys are not teddy bears?

(2)

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5 Unleaded petrol costs £1.56 per litre. Mr Adeyemi puts 25 litres of petrol into his car. How much does this cost?

(2)

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6 A number is multiplied by 7, then 6 is added, giving an answer of 62. What is the number?

(2)

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Mark scheme · 2.21-5 Worded Problems Set E: 10-minute Pack

Question 1

£1.25, from £5.00 - £3.75 **B1**

Answer: £1.25

Question 2

finds the discount = 52 / 4 = £13 **M1**

£39 **A1**

Answer: £39

Question 3

total = 4 x 12 = 48; known total = 9 + 14 + 10 = 33 **M1**

£15, from 48 - 33 **A1**

Answer: £15

Question 4

finds teddy bears = 1/6 x 108 = 18 **M1**

90 toys **A1**

Answer: 90 toys

Question 5

sets up 1.56 x 25, for example as 1.56 x 100 / 4 **M1**

£39.00 **A1**

Answer: £39.00

Question 6

sets up 7x + 6 = 62, or equivalent, and finds 7x = 56 **M1**

8 **A1**

Answer: 8

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