2.100 Money: Change, Budgeting and Multi-Item Costs: 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 Sana pays with a £5 note for an item costing £3.75. What is her change?

- ☐ A) £1.15
- ☐ B) £1.05
- ☐ C) £2.25
- ☐ D) £0.25
- ☐ E) £1.25

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2 How many 50p coins are needed to make exactly £4.50?

- ☐ A) 4
- ☐ B) 8
- ☐ C) 90
- ☐ D) 9
- ☐ E) 10

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3 Which of these amounts is equal to six pounds and five pence?

- ☐ A) £6.05
- ☐ B) £6.50
- ☐ C) £65.00
- ☐ D) £6.005
- ☐ E) £0.65

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4 Find the change from £10 when the total cost is £6.35.

(2)

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5 At a school fair there are two boxes of gifts. Box A: backpack £3.40, water bottle £1.10, cap £1.75. Box B: scarf £2.20, gloves £1.85, badge £0.95. A customer has £7 and may buy two items from one box and one item from the other. What is the greatest total they can spend without going over £7? Show working.

(4)

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6 A 500 g bag of rice costs £1.60. A 1.2 kg bag of the same rice costs £3.60. Which bag offers the better value for money? Show your working.

(2)

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Mark scheme · 2.100 Money: Change, Budgeting and Multi-Item Costs: 10-minute Pack

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

Question 1

correct option E (£1.25) cao	**B1**

Answer: E) £1.25

Question 2

correct option D (9) cao	**B1**

Answer: D) 9

Question 3

correct option A (£6.05) cao	**B1**

Answer: A) £6.05

Question 4

correct subtraction method: 10.00 - 6.35 seen	**M1**
£3.65 cao	**A1**

Answer: £3.65

Question 5

strategy shown to consider combinations of 2 from one box and 1 from the other	**M1**
correct totals calculated for the best candidate combinations (for example 3.40+1.75 = 5.15 then +1.85 = 7.00)	**M1**
identification that 7.00 is achievable and checking no combination gives more without exceeding £7	**M1**
£7.00 cao	**A1**

Answer: £7.00

Question 6

price per 100 g found for both bags: 32p and 30p seen (or equivalent unit)	**M1**
correct conclusion: the 1.2 kg bag, at 30p per 100 g cao	**A1**

Answer: The 1.2 kg bag (30p per 100 g, compared with 32p per 100 g for the 500 g bag).

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