



EP.M124 Money: Change, Budgeting and Multi-Item Costs

GL ASSESSMENT GL-11PLUS-MATHS · Calculators not allowed · about 55 minutes

Total Marks

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Name: _____ Date: ____ / ____ / ____

Answer ALL questions. Show all your working.

1 How many pence are in £3.45?

- ☐ A) 345
- ☐ B) 3,450
- ☐ C) 34.5
- ☐ D) 3450p
- ☐ E) 3045

(Total for Question 1 is 1 mark)

2 Sana pays with a £5 note for an item costing £3.75. What is her change?

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

(Total for Question 2 is 1 mark)

3 A packet costs 85p. Which of these is the cost of 3 packets?

- ☐ A) £2.35
- ☐ B) £2.55
- ☐ C) £2.05
- ☐ D) £3.55
- ☐ E) £0.255

(Total for Question 3 is 1 mark)

4 Calculate $2.50 + 1.75$. Which is correct?

- ☐ A) £4.15
- ☐ B) £4.25
- ☐ C) £3.75
- ☐ D) £4.50
- ☐ E) £3.25

(Total for Question 4 is 1 mark)

5 Work out $£12.00 - £7.60$. Which is the correct amount?

- ☐ A) £4.40
- ☐ B) £5.40
- ☐ C) £4.60
- ☐ D) £3.60
- ☐ E) £4.00

(Total for Question 5 is 1 mark)

6 Which of these is equal to 450 pence?

- ☐ A) £4.50
- ☐ B) £45.00
- ☐ C) £0.45
- ☐ D) £450
- ☐ E) £4.05

(Total for Question 6 is 1 mark)

7 A toy costs £4.99 and a pen costs 45p. What is the total?

- ☐ A) £5.44
- ☐ B) £5.54
- ☐ C) £4.54
- ☐ D) £5.04
- ☐ E) £6.44

(Total for Question 7 is 1 mark)

8 Round £3.476 to the nearest penny.

- ☐ A) £3.47
- ☐ B) £3.48
- ☐ C) £3.46
- ☐ D) £3.50
- ☐ E) £3.40

(Total for Question 8 is 1 mark)

9 Sofia buys 2 sandwiches at £2.95 each and a drink at £1.20. Work out how much she spends.

(Total for Question 9 is 2 marks)

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

(Total for Question 10 is 2 marks)

11 Apples cost £2.50 per kg. A bag weighs 1.6 kg. Work out the cost of the bag.

(Total for Question 11 is 2 marks)

12 Add these three items: £1.75, £0.99 and £2.40. Work out the total.

(Total for Question 12 is 2 marks)

13 Two friends each buy a cinema ticket for £6.80 and a tub of popcorn for £2.25. Work out the total cost for both friends.

(Total for Question 13 is 2 marks)

14 Maya pays with two £10 notes and receives £4.55 change. How much did she spend?

(Total for Question 14 is 2 marks)

15 Sam has £15. He buys 3 shirts at £3.45 each and a tie for £2.80. How much money does he have left?

(Total for Question 15 is 3 marks)

16 A meal deal is sandwich £2.60, drink £1.10 and snack £1.25. A family of 4 buys this meal deal each and pays with a £20 note. How much change do they receive?

(Total for Question 16 is 3 marks)

17 Tanya buys 2 books priced at £7.45 each and 3 bookmarks at £0.65 each. She pays with a £20 note. How much money does she have left?

(Total for Question 17 is 3 marks)

18 A gym membership is £9.99 per month. Anna pays for 6 months in advance and receives a 10% discount on the total. Calculate how much she pays, giving your answer to the nearest penny.

(Total for Question 18 is 3 marks)

- 19** 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.

(Total for Question 19 is 4 marks)

- 20** Liam has £30. He buys a jumper for £9.60, trousers costing £8.75 which have a 15% discount, and shoes for £12.50. Calculate how much change he receives. Show all steps and give the answer to the nearest penny.

(Total for Question 20 is 4 marks)

Mark scheme · EP.M124 Money: Change, Budgeting and Multi-Item Costs

Question 1

- **B1** correct option A (345) cao
- **Answer: A) 345 pence (345)**

Question 2

- **B1** correct option B (£1.25) cao
- **Answer: B) £1.25**

Question 3

- **B1** correct option B (£2.55) cao
- **Answer: B) £2.55**

Question 4

- **B1** correct option B (£4.25) cao
- **Answer: B) £4.25**

Question 5

- **B1** correct option A (£4.40) cao
- **Answer: A) £4.40**

Question 6

- **B1** correct option A (£4.50) cao
- **Answer: A) £4.50**

Question 7

- **B1** correct option A (£5.44) cao
- **Answer: A) £5.44**

Question 8

- **B1** correct option B (£3.48) cao
- **Answer: B) £3.48**

Question 9

- **M1** correct method: 2×2.95 seen or equivalent
- **A1** £7.10 cao
- **Answer: £7.10**

Question 10

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

Question 11

- **M1** correct method: 2.50×1.6 seen
- **A1** £4.00 cao
- **Answer: £4.00**

Question 12

- **M1** correct addition method seen (or grouping to make whole pounds)
- **A1** £5.14 cao
- **Answer: £5.14**

Question 13

- **M1** method: $(6.80 + 2.25) \times 2$ or equivalent seen
- **A1** £18.10 cao
- **Answer: £18.10**

Question 14

- **M1** method: $20.00 - 4.55$ seen
- **A1** £15.45 cao
- **Answer: £15.45**

Question 15

- **M1** method: 3×3.45 seen
- **M1** addition of shirts total and tie seen $(10.35 + 2.80)$
- **A1** £1.85 cao
- **Answer: £1.85**

Question 16

- **M1** method: per meal cost $2.60 + 1.10 + 1.25$ seen
- **M1** method: multiply by 4 to find total
- **A1** £0.20 cao
- **Answer: £0.20**

Question 17

- **M1** method: 2×7.45 and 3×0.65 seen
- **M1** addition of these totals seen
- **A1** £3.15 cao
- **Answer: £3.15**

Question 18

- **M1** method: 9.99×6 to find total before discount
- **M1** correct method to find 10% and subtract from total
- **A1** £53.95 cao $(59.94 - 5.994 = 53.946$ rounded to £53.95)
- **Answer: £53.95**

Question 19

- **M1** 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
- **A1** £7.00 cao
- **Answer: £7.00**

Question 20

- **M1** correct method to find 15% of the trousers price or to multiply by 0.85
- **M1** correct discounted trousers price calculated $(8.75 \times 0.85 = 7.4375 \rightarrow £7.44)$
- **M1** correct addition of jumper, discounted trousers and shoes to find total $(9.60 + 7.44 + 12.50 = 29.54)$
- **A1** £0.46 change cao
- **Answer: £0.46**