2.32 Measurement, Money and Time Depth: 10-minute Pack

Total Marks

GL ASSESSMENT GL · Calculators not allowed · about 10 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Nia buys craft supplies for her class: 6 glue sticks at 55p each, 4 packs of card at 95p each, and one pair of scissors at £1.20. Calculate the total cost of her shopping, in pounds.

(3)

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2 Farmer Osei is fencing a rectangular field measuring 45 m by 28 m. Fencing costs £3.50 per metre. Calculate the total cost of fencing the whole perimeter of the field.

(3)

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3 Shop A sells a 1.5 kg bag of rice for £2.85. Shop B sells a 2 kg bag of the same rice for £3.60.

(a) Work out the cost per kg at each shop. **(2)**

(b) Which shop offers better value for money? Give a reason. **(1)**

4 Ffion cuts four lengths of ribbon: 1.2 m, 95 cm, 1050 mm, and 1 m 8 cm. Put these lengths in order, from shortest to longest.

(2)

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Mark scheme · 2.32 Measurement, Money and Time Depth: 10-minute Pack

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

Question 1

6 x 0.55 = 3.30 seen	**M1**
4 x 0.95 = 3.80 seen	**M1**
8.30 cao	**A1**

Answer: £8.30

Question 2

2 x (45 + 28) = 146 (m) seen (perimeter method)	**M1**
146 x 3.50 (oe, ft)	**M1**
£511.00 cao (ft)	**A1**

Answer: £511.00

Question 3

(a) 2.85 / 1.5 and 3.60 / 2 (oe method for both)	**M1**
(a) Shop A = £1.90/kg and Shop B = £1.80/kg, both cao	**A1**

(a) Answer: Shop A £1.90/kg, Shop B £1.80/kg

(b) Shop B, because it has a lower cost per kg (£1.80 < £1.90), ft from (a)	**B1**

(b) Answer: Shop B

Question 4

Converts all four lengths to a common unit, e.g. cm: 120, 95, 105, 108 (oe)	**M1**
95 cm, 1050 mm, 1 m 8 cm, 1.2 m cao	**A1**

Answer: 95 cm, 1050 mm, 1 m 8 cm, 1.2 m

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