2.32-2 Measurement, Money and Time Depth Set 2: 10-minute Pack

GL ASSESSMENT GL · Calculators not allowed · about 10 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Nadia buys craft supplies for her class: 5 glue sticks at 45p each, 3 packs of card at £1.05 each, and one pair of scissors at £1.35. Calculate the total cost of her shopping, in pounds.

(3)

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2 Farmer Duggan is fencing a rectangular field measuring 38 m by 22 m. Fencing costs £4.20 per metre. Calculate the total cost of fencing the whole perimeter of the field.

(3)

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3 Shop A sells a 2 kg bag of rice for £3.60. Shop B sells a 2.5 kg bag of the same rice for £4.25.

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

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

4 Elif cuts four lengths of ribbon: 1.1 m, 85 cm, 900 mm, and 1 m 3 cm. Put these lengths in order, from shortest to longest.

(2)

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Mark scheme · 2.32-2 Measurement, Money and Time Depth Set 2: 10-minute Pack

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

Question 1

5 x 0.45 = 2.25 seen	**M1**
3 x 1.05 = 3.15 seen	**M1**
6.75 cao	**A1**

Answer: £6.75

Question 2

2 x (38 + 22) = 120 (m) seen (perimeter method)	**M1**
120 x 4.20 (oe, ft)	**M1**
£504.00 cao (ft)	**A1**

Answer: £504.00

Question 3

(a) 3.60 / 2 and 4.25 / 2.5 (oe method for both)	**M1**
(a) Shop A = £1.80/kg and Shop B = £1.70/kg, both cao	**A1**

(a) Answer: Shop A £1.80/kg, Shop B £1.70/kg

(b) Shop B, because it has a lower cost per kg (£1.70 < £1.80), ft from (a)	**B1**

(b) Answer: Shop B

Question 4

Converts all four lengths to a common unit, e.g. cm: 110, 85, 90, 103 (oe)	**M1**
85 cm, 900 mm, 1 m 3 cm, 1.1 m cao	**A1**

Answer: 85 cm, 900 mm, 1 m 3 cm, 1.1 m

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