2.8-2 Money Problems: Practice 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 Ruben buys a comic for £2.35 and a drink for £1.20. Work out the total cost.

- ☐ A) 3.35
- ☐ B) 3.55
- ☐ C) 3.65
- ☐ D) 3.75
- ☐ E) 4.55

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2 Shop X sells a pack of 5 highlighters for £4.25. Shop Y sells a pack of 8 identical highlighters for £6.64.

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

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

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3 After a 15% discount, a bicycle helmet costs £25.50. Work out the original price of the helmet.

(3)

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4 Zainab has £64 in savings. She spends 3/8 of it on a bag. Work out how much she spends.

- ☐ A) 8
- ☐ B) 16
- ☐ C) 21
- ☐ D) 24
- ☐ E) 40

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5 Owen's monthly phone plan costs £14 plus 8p for every text message sent beyond his free allowance.

(a) One month he sends 25 text messages beyond his allowance. Calculate his total bill for that month. **(2)**

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(b) The next month his total bill is £17.20. Work out how many text messages beyond his allowance he sent that month. **(2)**

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Mark scheme · 2.8-2 Money Problems: Practice Set 2: 10-minute Pack

Question 1

B) 3.55 - correct total **B1**

Answer: £3.55

Question 2

(a) 4.25 / 5 and 6.64 / 8 (oe method for both) **M1**

(a) Shop X = 85p and Shop Y = 83p, both cao **A1**

(a) Answer: Shop X 85p, Shop Y 83p

(b) Shop Y, because it has a lower cost per highlighter (83p < 85p), ft from (a) **B1**

(b) Answer: Shop Y

Question 3

Recognises 25.50 represents 85% of the original price **M1**

Finds 1% = 0.30 and scales to 100% (oe method) **dM1**

30 cao **A1**

Answer: £30

Question 4

D) 24 - correct amount spent **B1**

Answer: £24

Question 5

(a) 25 x 0.08 (oe) **M1**

(a) 16.00 cao **A1**

(a) Answer: £16.00

(b) 17.20 - 14 (oe) **M1**

(b) 40 cao **A1**

(b) Answer: 40 text messages

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