2.4-2 Decimals: Practice Set 2: 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 In the number 7.249, what is the value of the digit 4?

- ☐ A) 0.004
- ☐ B) 0.04
- ☐ C) 4
- ☐ D) 40
- ☐ E) 0.4

---

2 Kwame buys a graphic novel costing £1.65, a chocolate bar costing £0.78 and a carton of juice costing £1.10. He pays with a £5 note.

(a) Calculate the total cost of the three items. **(2)**

.....

(b) Calculate his change from £5. **(2)**

.....

---

3 Work out 3.7 + 2.9 x 0.4.

- ☐ A) 5.06
- ☐ B) 4.86
- ☐ C) 26.4
- ☐ D) 4.56
- ☐ E) 2.64

© Revision Library | revisionlibrary.co.uk

4 This question is about the decimal 0.875.

(a) Show that 0.875 is equivalent to 7/8. **(2)**

(b) Hence write 3.875 as a mixed number in its simplest form. **(2)**

---

5 Niamh has three lengths of ribbon: 3.15 m, 1.4 m and 0.95 m. She cuts the longest piece into 5 equal shorter lengths.

(a) Calculate the total length of ribbon Niamh has. **(1)**

.....

(b) Calculate the length of each of the 5 equal shorter lengths cut from the longest piece. **(2)**

.....

© Revision Library | revisionlibrary.co.uk

Mark scheme · 2.4-2 Decimals: Practice Set 2: 10-minute Pack

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

Question 1

B) 0.04 cao	**B1**

Answer: B) 0.04

Question 2

(a) 1.65 + 0.78 + 1.10 seen, or a correct part sum	**M1**
(a) £3.53 cao	**A1**

(a) Answer: £3.53

(b) 5.00 - 3.53 seen, ft from part (a)	**M1**
(b) £1.47 cao	**A1**

(b) Answer: £1.47

Question 3

B) 4.86 cao	**B1**

Answer: B) 4.86

Question 4

(a) 0.875 written as 875/1000 oe	**M1**
(a) correctly simplified to 7/8 cso, answer given so working must be shown	**A1**

(a) Answer: 7/8 (shown)

(b) 3.875 split as 3 + 0.875, ft from part (a)	**M1**
(b) 3 7/8 cao	**A1**

(b) Answer: 3 7/8

Question 5

(a) 5.5 m cao	**B1**

(a) Answer: 5.5 m

(b) 3.15 / 5 seen	**M1**
(b) 0.63 m cao	**A1**

(b) Answer: 0.63 m

© Revision Library | revisionlibrary.co.uk