2.5-2 Percentages: 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 Which of the following is equivalent to 3/5?

- ☐ A) 30%
- ☐ B) 60%
- ☐ C) 35%
- ☐ D) 40%
- ☐ E) 65%

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2 A jacket priced at £72 is increased in price by 25%. Work out the new price of the jacket.

(3)

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3 A pair of trainers costs £85. In a sale they are reduced by 40%. Find the sale price of the trainers.

(3)

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4 A school trip costs £48 per pupil. The school offers a 15% discount for pupils who book online. What is the discounted price?

- ☐ A) £7.20
- ☐ B) £33
- ☐ C) £40.80
- ☐ D) £43.20
- ☐ E) £55.20

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5 Put these four values in order of size, starting with the smallest: 3/5, 61%, 0.62, 5/8

(3)

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Mark scheme · 2.5-2 Percentages: Practice Set 2: 10-minute Pack

Question 1

B) 60% cao	**B1**

Answer: 60%

Question 2

25% of 72 found (= 18), e.g. via 72 / 4	**M1**
dep: 72 + their 25% increase	**M1**
£90 cao	**A1**

Answer: £90

Question 3

40% of 85 found (= 34), e.g. via 10% = 8.50	**M1**
dep: 85 - their 40% reduction	**M1**
£51 cao	**A1**

Answer: £51

Question 4

C) £40.80 cao	**B1**

Answer: £40.80

Question 5

at least three values correctly converted to a common form (e.g. decimals: 0.6, 0.61, 0.62, 0.625)	**M1**
all four values correctly converted	**A1**
3/5, 61%, 0.62, 5/8 cao, in this order	**A1**

Answer: 3/5, 61%, 0.62, 5/8

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