2.23 Fractions, Decimals and Percentages Mixed Drill: 10-minute Pack

Total Marks

GL ASSESSMENT EP.M24 · Calculators not allowed · about 10 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Write 0.6 as a fraction in its simplest form.

(1)

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2 Write 54% as a fraction in its simplest form.

- ☐ A) 54/100
- ☐ B) 50/27
- ☐ C) 27/50
- ☐ D) 54/10
- ☐ E) 1/54

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3 Write 4/5 as a decimal.

- ☐ A) 1.25
- ☐ B) 8
- ☐ C) 0.8
- ☐ D) 0.45
- ☐ E) 4.5

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4 Write 0.625 as a fraction in its simplest form.

- ☐ A) 626/625
- ☐ B) 1/625
- ☐ C) 625/10000
- ☐ D) 5/8
- ☐ E) 625/1000

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5 Write 44% as a fraction in its simplest form.

- ☐ A) 44/1000
- ☐ B) 1/44
- ☐ C) 44/10
- ☐ D) 44/100
- ☐ E) 11/25

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6 Find 3/8 of 96.

(1)

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7 Convert 0.125 to a fraction in its simplest form.

(1)

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8 Order these from smallest to largest: 0.42, 11/25, 43%

(2)

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9 After a price is increased by 20%, it becomes £96. What was the original price?

(2)

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Mark scheme · 2.23 Fractions, Decimals and Percentages Mixed Drill: 10-minute Pack

Question 1

3/5 cao **B1**

Answer: 3/5

Question 2

correct option C (27/50) cao **B1**

Answer: C) 27/50

Question 3

correct option C (0.8) cao **B1**

Answer: C) 0.8

Question 4

correct option D (5/8) cao **B1**

Answer: D) 5/8

Question 5

correct option E (11/25) cao **B1**

Answer: E) 11/25

Question 6

36 cao **B1**

Answer: 36

Question 7

1/8 cao **B1**

Answer: 1/8

Question 8

converts all three values to the same format (e.g. decimals 0.42, 0.44, 0.43) **M1**

0.42, 43%, 11/25 cao **A1**

Answer: 0.42, 43%, 11/25

Question 9

recognises £96 represents 120% of the original price **M1**

£80 cao **A1**

Answer: £80

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