2.54-2 Speed Drills: Fractions, Decimals and Percentages Set 2: 10-minute Pack

Total Marks

GL ASSESSMENT EP.M64 · Calculators not allowed · about 10 minutes

Name: _____ Date: ____ / ____ / _____

A timed speed-drill pack for building fast, accurate fluency across fractions, decimals and percentages - the number sense that keeps working quick enough for the real GL Assessment 11+ maths paper. Complete each block against its own 5-minute target without a calculator, writing only the final answer in the answer grid provided; no working space is given or needed. There are 4 blocks of 20 one-mark, answer-only questions: Block 1, fractions of amounts, moving from unit fractions to harder non-unit fractions and a reverse problem; Block 2, percentages of amounts built from the 50%, 25%, 10%, 5% and 1% building blocks, moving to composite percentages and a reverse percentage problem; Block 3, converting between fractions, decimals and percentages in both directions; Block 4, a mixed block combining all three forms, including comparing, ordering and short word problems against the clock. Each block carries its own Target: 5 minutes heading; time yourself (or ask an adult to time you) and note how close you get to the target on each block.

1 Work out 2/5 of 45.

(1)

2 Work out 3/5 of 55.

(1)

3 Work out 5/6 of 66.

(1)

4 Work out 7/10 of 90.

(1)

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5 Work out 5/8 of 96.

(1)

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6 Work out 7/12 of 84.

(1)

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7 Work out 5/9 of 108.

(1)

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8 After a 20% discount, a jumper costs £36. Find its original price.

(1)

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9 Block 3: FDP conversions - Target: 5 minutes. Write 1/2 as a decimal.

(1)

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10 Block 4: Mixed FDP - Target: 5 minutes. State which is larger: 1/2 or 40%.

(1)

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11 Order 3/4, 65% and 0.7 from smallest to largest.

(1)

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Mark scheme · 2.54-2 Speed Drills: Fractions, Decimals and Percentages Set 2: 10-minute Pack

Question 1

18 cao **B1**

Answer: 18

Question 2

33 cao **B1**

Answer: 33

Question 3

55 cao **B1**

Answer: 55

Question 4

63 cao **B1**

Answer: 63

Question 5

60 cao **B1**

Answer: 60

Question 6

49 cao **B1**

Answer: 49

Question 7

60 cao **B1**

Answer: 60

Question 8

£45 cao **B1**

Answer: £45

Question 9

0.5 cao **B1**

Answer: 0.5

Question 10

1/2 oe cao **B1**

Answer: 1/2

Question 11

65%, 0.7, 3/4 oe cao (correct order required) **B1**

Answer: 65%, 0.7, 3/4

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