2.58 Timed Arithmetic Challenge: 10-minute Pack

Total Marks

GL ASSESSMENT EP.M72 · Calculators not allowed · about 10 minutes

Name: _____ Date: ____ / ____ / _____

A timed mixed-arithmetic challenge pack for building the fast, accurate all-round number skills needed under the real GL Assessment 11+ maths paper's clock. 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, addition and subtraction across whole numbers, decimals and negative numbers; Block 2, multiplication and division across whole numbers and decimals; Block 3, fractions and percentages of amounts, including one reverse-percentage question; Block 4, quick multi-step calculations that combine two or more operations in a single question. 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 512 - 347.

(1)

2 Work out 6.75 + 2.3.

(1)

3 Work out 15.4 - 8.65.

(1)

4 Work out 2000 - 1385.

(1)

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5 Work out -8 + 15.

(1)

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6 Work out -15 + 6.

(1)

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7 Work out 20.05 - 13.6.

(1)

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8 Work out 4507 + 2986.

(1)

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9 Work out 96 - 59.

(1)

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10 Work out 6003 - 2748.

(1)

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11 Block 2: Multiplication and division - Target: 5 minutes. Work out 6 x 14.

(1)

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Mark scheme · 2.58 Timed Arithmetic Challenge: 10-minute Pack

Question 1

165 cao **B1**

Answer: 165

Question 2

9.05 cao **B1**

Answer: 9.05

Question 3

6.75 cao **B1**

Answer: 6.75

Question 4

615 cao **B1**

Answer: 615

Question 5

7 cao **B1**

Answer: 7

Question 6

-9 cao **B1**

Answer: -9

Question 7

6.45 cao **B1**

Answer: 6.45

Question 8

7493 cao **B1**

Answer: 7493

Question 9

37 cao **B1**

Answer: 37

Question 10

3255 cao **B1**

Answer: 3255

Question 11

84 cao **B1**

Answer: 84

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