2.58 Timed Arithmetic Challenge: Test Pack

Total Marks

GL ASSESSMENT EP.M72 · Calculators not allowed · about 15 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 Block 1: Addition and subtraction - Target: 5 minutes. Work out 47 + 38.

(1)

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2 Work out 1250 + 875.

(1)

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3 Work out 3.28 + 5.9.

(1)

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4 Work out 144 / 12.

(1)

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5 Work out 8.4 / 4.

(1)

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6 Work out 396 / 11.

(1)

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7 Work out 2916 / 36.

(1)

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8 Work out 1/4 of 60.

(1)

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9 Work out 3/4 of 84.

(1)

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10 Work out 15% of 200.

(1)

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11 Work out 3/8 of 200.

(1)

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12 A jacket costs £80 before a 30% discount. Calculate the sale price.

(1)

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13 45 is 75% of a number. Find the number.

(1)

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14 Work out 7 x 3 - 5.

(1)

---

15 Work out 1/4 of 40, then multiply by 3.

(1)

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16 Work out 60 / (2 + 3).

(1)

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Mark scheme · 2.58 Timed Arithmetic Challenge: Test Pack

Question 1

85 cao **B1**

Answer: 85

Question 2

2125 cao **B1**

Answer: 2125

Question 3

9.18 cao **B1**

Answer: 9.18

Question 4

12 cao **B1**

Answer: 12

Question 5

2.1 cao **B1**

Answer: 2.1

Question 6

36 cao **B1**

Answer: 36

Question 7

81 cao **B1**

Answer: 81

Question 8

15 cao **B1**

Answer: 15

Question 9

63 cao **B1**

Answer: 63

Question 10

30 cao **B1**

Answer: 30

Question 11

75 cao **B1**

Answer: 75

Question 12

£56 cao **B1**

Answer: £56

Question 13

60 cao **B1**

Answer: 60

Question 14

16 cao **B1**

Answer: 16

Question 15

30 cao **B1**

Answer: 30

Question 16

12 cao **B1**

Answer: 12

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