2.29 Speed Drills: Mixed Mental Methods: Test Pack

Total Marks

GL ASSESSMENT EP.M29 · Calculators not allowed · about 15 minutes

Name: _____ Date: ____ / ____ / _____

A timed speed-drill pack for keeping mental methods fast and accurate under real GL Assessment 11+ pressure. 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, mixed four-operations mental arithmetic; Block 2, fractions and percentages of amounts; Block 3, time, money and measures conversions; Block 4, a mixed block drawing on all three skills 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 Block 1: Mixed four-operations mental arithmetic - Target: 5 minutes. Work out 34 + 58.

(1)

2 Work out 250 + 175.

(1)

3 Work out 47 + 39 - 12.

(1)

4 Work out 1000 - (23 x 12).

(1)

5 Work out 3/4 of 40.

(1)

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6 Work out 25% of 160.

(1)

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7 Work out 15% of 200.

(1)

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8 Work out 17.5% of 200.

(1)

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9 Convert 150 minutes into hours and minutes.

(1)

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10 Convert 275p into pounds and pence.

(1)

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11 Convert £12.60 into pence.

(1)

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12 Amara buys stationery costing £13.85 and pays with a £20 note. Work out her change.

(1)

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13 A clock shows 23:40. Work out the time it will show in 55 minutes.

(1)

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14 Work out 3/7 of 49.

(1)

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15 Convert 90 minutes into hours.

(1)

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16 Work out 15 x 15.

(1)

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Mark scheme · 2.29 Speed Drills: Mixed Mental Methods: Test Pack

Question 1

92 cao **B1**

Answer: 92

Question 2

425 cao **B1**

Answer: 425

Question 3

74 cao **B1**

Answer: 74

Question 4

724 cao **B1**

Answer: 724

Question 5

30 cao **B1**

Answer: 30

Question 6

40 cao **B1**

Answer: 40

Question 7

30 cao **B1**

Answer: 30

Question 8

35 cao **B1**

Answer: 35

Question 9

2 hours 30 minutes oe **B1**

Answer: 2 hours 30 minutes

Question 10

£2.75 oe **B1**

Answer: £2.75

Question 11

1260 cao **B1**

Answer: 1260

Question 12

£6.15 oe **B1**

Answer: £6.15

Question 13

00:35 oe **B1**

Answer: 00:35

Question 14

21 cao **B1**

Answer: 21

Question 15

1.5 hours oe **B1**

Answer: 1.5 hours

Question 16

225 cao **B1**

Answer: 225

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