2.17-2 Speed Drills: Number and Times Tables Set 2: 30-minute Pack

Total Marks

GL ASSESSMENT EP.M63 · Calculators not allowed · about 30 minutes

Name: _____ Date: ____ / ____ / _____

A timed speed-drill pack for building instant, automatic recall of number bonds, times tables and related facts - a second set of original number and times-tables speed questions alongside Speed Drills: Number Bonds and Times Tables (EP.M18), keeping mental methods fast 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, number bonds to 10, 20, 30, 40, 60, 70, 90 and 100; Block 2, times tables to 12x12; Block 3, related facts, using a known multiplication fact to work out a scaled or inverse fact; Block 4, mixed quick number covering doubling, halving, squares, a cube, rounding, percentages and fractions of amounts 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 What number must be added to 8 to make 10?

(1)

2 What number must be added to 96 to make 100?

(1)

3 Block 2: Times tables - Target: 5 minutes. Work out 4 x 6.

(1)

4 Work out 7 x 3.

(1)

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5 Work out 8 x 9.

(1)

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6 Work out 6 x 9.

(1)

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7 Work out 11 x 7.

(1)

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8 Work out 12 x 8.

(1)

---

9 Work out 9 x 7.

(1)

---

10 Work out 6 x 6.

(1)

---

11 What number must be added to 13 to make 20?

(1)

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12 Work out 8 x 11.

(1)

---

13 Work out 7 x 6.

(1)

---

14 Work out 9 x 12.

(1)

---

15 Work out 8 x 7.

(1)

---

16 Work out 11 x 11.

(1)

---

17 Work out 3 x 9.

(1)

---

18 Work out 4 x 11.

(1)

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19 Work out 12 x 7.

(1)

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20 What number must be added to 17 to make 20?

(1)

---

21 Work out 9 x 11.

(1)

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22 Block 3: Related facts - Target: 5 minutes. If 4 x 5 = 20, work out 40 x 5.

(1)

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23 If 7 x 9 = 63, work out 70 x 9.

(1)

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24 If 3 x 6 = 18, work out 18 / 3.

(1)

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25 If 8 x 7 = 56, work out 56 / 8.

(1)

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26 If 12 x 5 = 60, work out 12 x 50.

(1)

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27 If 4 x 9 = 36, work out 4 x 90.

(1)

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28 If 6 x 7 = 42, work out 420 / 7.

(1)

---

29 Work out 30 - 12.

(1)

---

30 If 11 x 4 = 44, work out 44 / 4.

(1)

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31 If 8 x 6 = 48, work out 80 x 6.

(1)

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32 Halve 37.

(1)

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Mark scheme · 2.17-2 Speed Drills: Number and Times Tables Set 2: 30-minute Pack

Question 1

2 cao **B1**

Answer: 2

Question 2

4 cao **B1**

Answer: 4

Question 3

24 cao **B1**

Answer: 24

Question 4

21 cao **B1**

Answer: 21

Question 5

72 cao **B1**

Answer: 72

Question 6

54 cao **B1**

Answer: 54

Question 7

77 cao **B1**

Answer: 77

Question 8

96 cao **B1**

Answer: 96

Question 9

63 cao **B1**

Answer: 63

Question 10

36 cao **B1**

Answer: 36

Question 11

7 cao **B1**

Answer: 7

Question 12

88 cao **B1**

Answer: 88

Question 13

42 cao **B1**

Answer: 42

Question 14

108 cao **B1**

Answer: 108

Question 15

56 cao **B1**

Answer: 56

Question 16

121 cao **B1**

Answer: 121

Question 17

27 cao **B1**

Answer: 27

Question 18

44 cao **B1**

Answer: 44

Question 19

84 cao **B1**

Answer: 84

Question 20

3 cao **B1**

Answer: 3

Question 21

99 cao **B1**

Answer: 99

Question 22

200 cao **B1**

Answer: 200

Question 23

630 cao **B1**

Answer: 630

Question 24

6 cao **B1**

Answer: 6

Question 25

7 cao **B1**

Answer: 7

Question 26

600 cao **B1**

Answer: 600

Question 27

360 cao **B1**

Answer: 360

Question 28

60 cao **B1**

Answer: 60

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Question 29

18 cao **B1**

Answer: 18

Question 30

11 cao **B1**

Answer: 11

Question 31

480 cao **B1**

Answer: 480

Question 32

18.5 cao **B1**

Answer: 18.5

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