



## EP.M93 Mental Arithmetic Paper 11

GL ASSESSMENT EP.M93 · Calculators not allowed · about 15 minutes

Total Marks

Name: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

**Administrator note: read each question aloud once only. Allow 10-15 seconds for pupils to write their answer in the box before moving on to the next question. Do not repeat any question and do not allow calculators.**

1 Work out  $7 + 9$ .

(Total for Question 1 is 1 mark)

2 Double 8.

(Total for Question 2 is 1 mark)

3 Work out  $8 \times 7$ .

(Total for Question 3 is 1 mark)

4 Halve 94.

(Total for Question 4 is 1 mark)

5 Work out  $16 - 9$ .

(Total for Question 5 is 1 mark)

6 What number must be added to 24 to make 50?

(Total for Question 6 is 1 mark)

**7** A balloon costs 25 pence. How much do 6 balloons cost?

(Total for Question 7 is 1 mark)

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**8** It is 5 o'clock. What time will it be in 9 hours?

(Total for Question 8 is 1 mark)

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**9** Work out  $6 \times 9$ .

(Total for Question 9 is 1 mark)

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**10** Find  $\frac{1}{3}$  of 45.

(Total for Question 10 is 1 mark)

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**11** Work out  $38 + 47$ .

(Total for Question 11 is 1 mark)

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**12** Round 76 to the nearest 10.

(Total for Question 12 is 1 mark)

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**13** Double 45.

(Total for Question 13 is 1 mark)

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**14** Look at this sequence: 4, 11, 18, 25, \_\_\_\_\_. What is the next number?

(Total for Question 14 is 1 mark)

**15** Work out  $7 \times 9$ .

(Total for Question 15 is 1 mark)

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**16** How many minutes are there in 5 hours?

(Total for Question 16 is 1 mark)

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**17** Work out  $100 - 37$ .

(Total for Question 17 is 1 mark)

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**18** Find 10% of 250.

(Total for Question 18 is 1 mark)

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**19** Halve 78.

(Total for Question 19 is 1 mark)

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**20** It is twenty to five. What time will it be in 35 minutes?

(Total for Question 20 is 1 mark)

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**21** Work out  $54 + 38$ .

(Total for Question 21 is 1 mark)

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**22** What number must be subtracted from 92 to leave 35?

(Total for Question 22 is 1 mark)

**23** Work out  $8 \times 6$ .

(Total for Question 23 is 1 mark)

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**24** Convert 6 kilometres to metres.

(Total for Question 24 is 1 mark)

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**25** Sunita buys a magazine for 2.45 pounds sterling and a card for 1.15 pounds sterling. Work out the total cost.

(Total for Question 25 is 1 mark)

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**26** Find  $\frac{5}{8}$  of 64.

(Total for Question 26 is 1 mark)

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**27** Work out  $645 - 278$ .

(Total for Question 27 is 1 mark)

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**28** 55 counters are shared between two friends in the ratio 3:8. Find the larger share.

(Total for Question 28 is 1 mark)

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**29** Work out 96 divided by 8.

(Total for Question 29 is 1 mark)

**30** Round 6.7 to the nearest whole number.

(Total for Question 30 is 1 mark)

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**31** Two numbers add together to make 700. One number is 315. What is the other number?

(Total for Question 31 is 1 mark)

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**32** Work out the square of 7.

(Total for Question 32 is 1 mark)

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**33** Deshawn pays for a jumper costing 24.30 pounds sterling with a 30 pound note. Work out his change.

(Total for Question 33 is 1 mark)

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**34** Find the highest common factor of 24 and 36.

(Total for Question 34 is 1 mark)

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**35** A coach departs at 09:25 and the journey takes 2 hours 50 minutes. What time does it arrive?

(Total for Question 35 is 1 mark)

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**36** Work out  $27 \times 5$ .

(Total for Question 36 is 1 mark)

**37** Convert 4.3 kilograms to grams.

(Total for Question 37 is 1 mark)

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**38**  $\frac{2}{5}$  of a number is 22. What is the number?

(Total for Question 38 is 1 mark)

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**39** Work out  $467 + 358$ .

(Total for Question 39 is 1 mark)

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**40** A recipe uses 210 grams of oats to make 6 flapjacks. How many grams of oats are needed to make 10 flapjacks?

(Total for Question 40 is 1 mark)

# Mark scheme · EP.M93 Mental Arithmetic Paper 11

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## Question 1

- **B1** 16 cao
- **Answer:** 16

## Question 2

- **B1** 16 cao
- **Answer:** 16

## Question 3

- **B1** 56 cao
- **Answer:** 56

## Question 4

- **B1** 47 cao
- **Answer:** 47

## Question 5

- **B1** 7 cao
- **Answer:** 7

## Question 6

- **B1** 26 cao
- **Answer:** 26

## Question 7

- **B1** £1.50 cao
- **Answer:** £1.50

## Question 8

- **B1** 2 o'clock cao
- **Answer:** 2 o'clock

## Question 9

- **B1** 54 cao
- **Answer:** 54

## Question 10

- **B1** 15 cao
- **Answer:** 15

## Question 11

- **B1** 85 cao
- **Answer:** 85

## Question 12

- **B1** 80 cao
- **Answer:** 80

## Question 13

- **B1** 90 cao
- **Answer:** 90

#### Question 14

- **B1** 32 cao
- **Answer:** 32

#### Question 15

- **B1** 63 cao
- **Answer:** 63

#### Question 16

- **B1** 300 cao
- **Answer:** 300

#### Question 17

- **B1** 63 cao
- **Answer:** 63

#### Question 18

- **B1** 25 cao
- **Answer:** 25

#### Question 19

- **B1** 39 cao
- **Answer:** 39

#### Question 20

- **B1** 5:15 cao
- **Answer:** 5:15

#### Question 21

- **B1** 92 cao
- **Answer:** 92

#### Question 22

- **B1** 57 cao
- **Answer:** 57

#### Question 23

- **B1** 48 cao
- **Answer:** 48

#### Question 24

- **B1** 6000 m cao
- **Answer:** 6000 m

#### Question 25

- **B1** £3.60 cao
- **Answer:** £3.60

#### Question 26

- **B1** 40 cao
- **Answer:** 40

#### Question 27

- **B1** 367 cao
- **Answer:** 367



#### Question 28

- **B1** 40 cao
- **Answer:** 40

#### Question 29

- **B1** 12 cao
- **Answer:** 12

#### Question 30

- **B1** 7 cao
- **Answer:** 7

#### Question 31

- **B1** 385 cao
- **Answer:** 385

#### Question 32

- **B1** 49 cao
- **Answer:** 49

#### Question 33

- **B1** £5.70 cao
- **Answer:** £5.70

#### Question 34

- **B1** 12 cao
- **Answer:** 12

#### Question 35

- **B1** 12:15 cao
- **Answer:** 12:15

#### Question 36

- **B1** 135 cao
- **Answer:** 135

#### Question 37

- **B1** 4300 g cao
- **Answer:** 4300 g

#### Question 38

- **B1** 55 cao
- **Answer:** 55

#### Question 39

- **B1** 825 cao
- **Answer:** 825

#### Question 40

- **B1** 350 g cao
- **Answer:** 350 g