

2023 national curriculum tests

Key stage 2

MATHEMATICS

Modified large print

Paper 1: arithmetic

First name

Middle name

Last name

Date of birth

Day _____ Month _____ Year _____

School name

DfE number

Note to markers:

This paper should be marked using the standard mark schemes for KS2 Mathematics: Paper 1. There is additional guidance on marking some questions in this paper in the Key stage 2 Mathematics amendments to mark schemes – MLP document.

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Instructions

You must not use a calculator to answer any questions in this test.

Questions and answers

You will have 30 minutes to complete this test, plus your additional time allowance.

Work as quickly and as carefully as you can.

Put your answer on the line or in the box for each question.

All answers should be given as a single value.

For questions expressed as common fractions or mixed numbers, you should give your answer as a common fraction, a mixed number or a whole number as appropriate.

If you cannot do a question, go on to the next one. You can come back to it later, if you have time.

If you finish before the end, go back and check your work.

Marks

In this test, long division and long multiplication questions are worth two marks each. You will be awarded two marks for a correct answer. You may get one mark for showing a formal method.

All other questions are worth one mark each.

1. $707 - 10 = \underline{\hspace{2cm}}$

2. $\boxed{\hspace{2cm}} = 6\,138 + 456$

3. $4 \times 702 = \underline{\hspace{2cm}}$

4. $\boxed{\hspace{2cm}} = 8\,005 + 408$

5. $2 \times 4 \times 30 = \underline{\hspace{2cm}}$

6. $\boxed{\hspace{2cm}} = 10 \times 96$

7. $7 \cdot 8 + 6 \cdot 953 = \underline{\hspace{2cm}}$

8. $\boxed{\hspace{2cm}} = 8\,217 - 5\,463$

9. $450 \div 9 = \underline{\hspace{2cm}}$

10. $8 \times 65 = \underline{\hspace{2cm}}$

11. $2\,800 \div 7 = \underline{\hspace{2cm}}$

12. $801 - \boxed{\hspace{2cm}} = 795$

13. $2\,700 \div 3 = \underline{\hspace{2cm}}$

14. $\frac{2}{7} \times \frac{5}{9} = \underline{\hspace{2cm}}$

15. $747 \div 9 = \underline{\hspace{2cm}}$

16. $\frac{3}{16} + \frac{5}{8} = \underline{\hspace{2cm}}$

17. $0.3 \div 10 = \underline{\hspace{2cm}}$

18. $\frac{1}{3} + \frac{2}{6} + \frac{5}{18} = \underline{\hspace{2cm}}$

19. $29.5 - 16.125 = \underline{\hspace{2cm}}$

20. Work out

$$508 \times 74$$

Show your method.

21. $\frac{1}{8} \div 3 = \underline{\hspace{2cm}}$

22. $1 + \frac{2}{7} + \frac{5}{7} = \underline{\hspace{2cm}}$

23. $70 + 48 \div 6 = \underline{\hspace{2cm}}$

24. $3 \cdot 2 \times 12 = \underline{\hspace{2cm}}$

25. Work out

$$611 \div 47$$

Show your method.

26. $5\,746 \div 5 = \underline{\hspace{2cm}}$

27. $52\% \text{ of } 700 = \underline{\hspace{2cm}}$

28. $\frac{1}{3} \div 6 = \underline{\hspace{2cm}}$

29. Work out

$$5\,227 \times 43$$

Show your method.

30. **95% of 180 = _____**

31. **0·4 × 37 = _____**

32. **1 - = $\frac{7}{10}$**

33. Work out

$$4\,472 \div 26$$

Show your method.

34. $2\frac{5}{6} - \frac{3}{4} =$ _____

35. 38% of $750 =$ _____

36. $\frac{2}{3} \times 900 =$ _____

END OF TEST

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2023 key stage 2 mathematics

Paper 1: arithmetic

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