
Year 5 End-of-Year Maths

Paper 10 | KS2 | 50 marks

Name: _____ Date: _____

Suggested time: 60 minutes. Total marks: 50.

Answer all 30 questions. No calculator. Show your working.

Questions 1-10: 1 mark each. Questions 11-30: 2 marks each.

These original practice papers sample the curriculum; they are not official national tests.

Topics and difficulty become more demanding through the paper.

Tutor: use alongside classwork and adapt to the topics already taught.

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1. Partition 12,877 into place-value parts. [1 mark]

2. The temperature is -23 degrees C. It rises by 37 degrees. What is the new temperature? [1 mark]

3. Write 148 in Roman numerals. [1 mark]

4. Calculate $12877 + 117$. [1 mark]

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5. 457 boxes each hold 33 pencils. How many pencils are there altogether? [1 mark]

6. Calculate $78 \div 3$. Give any remainder. [1 mark]

7. List all positive factors of 33. [1 mark]

8. Find $\frac{2}{3}$ of 132. Show how you divide then multiply. [1 mark]

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9. Complete the equivalent fraction: $\frac{2}{3} = \frac{?}{69}$. [1 mark]

10. Calculate $\frac{1}{3} + \frac{1}{6}$. Then find this fraction of 396. [1 mark]

11. Calculate $23 \times \frac{2}{3}$. Give an exact fraction or mixed number. [2 marks]

12. Calculate $2.47 + 0.31$. [2 marks]

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13. Write 20% as a simplified fraction and a decimal. Then find 20% of 880. [2 marks]

14. Convert 23.21 metres to centimetres and millimetres. [2 marks]

15. A notebook costs GBP 3.51. Buy 3 notebooks and pay GBP 13.00. Find the change. [2 marks]

16. A lesson starts at 08:42 and finishes at 09:28. How many minutes does it last? [2 marks]

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17. A rectangle measures 44 cm by 14 cm. Find its perimeter. [2 marks]

18. A rectangle measures 44 cm by 14 cm. A 23 cm by 1 cm corner is removed. Find the remaining area. [2 marks]

19. A cuboid is 23 cm by 14 cm by 22 cm. Find its volume. [2 marks]

20. Name a 3D shape with 6 square faces. How many vertices and edges does it have? A face has side 24 cm; find its perimeter. [2 marks]

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21. Two angles on a straight line are 51 degrees and x degrees. Find x . [2 marks]

22. A point is (44,14). Reflect it in the vertical line $x=46$. Give the image coordinates. [2 marks]

23. A survey table gives Apples: 23, Bananas: 25, Pears: 27, Oranges: 29. Find the total and the difference between the largest and smallest counts. [2 marks]

24. Order these numbers from smallest to largest: 13,035, 13,001, 13,023, 13,006. [2 marks]

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25. Round 13,080 to the nearest 100. [2 marks]

26. Write CLV as an ordinary number. [2 marks]

27. A library has 13014 books. It receives 119 more and lends out 72. How many books remain? [2 marks]

28. Calculate 474×34 . [2 marks]

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29. 110 children need transport. Each minibus carries 4 children. What is the smallest number of minibuses needed? [2 marks]

30. Find the lowest common multiple of 24 and 4. [2 marks]
