
Year 5 End-of-Year Maths

Paper 01 | 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 10,411 into place-value parts. [1 mark]

2. The temperature is -5 degrees C. It rises by 17 degrees. What is the new temperature? [1 mark]

3. Write 22 in Roman numerals. [1 mark]

4. Calculate $10411 + 81$. [1 mark]

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5. 151 boxes each hold 15 pencils. How many pencils are there altogether? [1 mark]

6. Calculate $51 \div 6$. Give any remainder. [1 mark]

7. List all positive factors of 15. [1 mark]

8. Find $\frac{4}{6}$ of 48. Show how you divide then multiply. [1 mark]

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9. Complete the equivalent fraction: $\frac{5}{6} = \frac{?}{30}$. [1 mark]

10. Calculate $\frac{1}{6} + \frac{1}{12}$. Then find this fraction of 288. [1 mark]

11. Calculate $5 \times \frac{5}{6}$. Give an exact fraction or mixed number. [2 marks]

12. Calculate $1.21 + 0.13$. [2 marks]

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13. Write 50% as a simplified fraction and a decimal. Then find 50% of 160. [2 marks]

14. Convert 5.03 metres to centimetres and millimetres. [2 marks]

15. A notebook costs GBP 1.53. Buy 5 notebooks and pay GBP 10.00. Find the change. [2 marks]

16. A lesson starts at 08:06 and finishes at 08:34. How many minutes does it last? [2 marks]

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17. A rectangle measures 8 cm by 12 cm. Find its perimeter. [2 marks]

18. A rectangle measures 8 cm by 12 cm. A 5 cm by 1 cm corner is removed. Find the remaining area. [2 marks]

19. A cuboid is 5 cm by 12 cm by 4 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 6 cm; find its perimeter. [2 marks]

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21. Two angles on a straight line are 33 degrees and x degrees. Find x . [2 marks]

22. A point is (8,12). Reflect it in the vertical line $x=10$. Give the image coordinates. [2 marks]

23. A survey table gives Apples: 5, Bananas: 7, Pears: 9, Oranges: 11. Find the total and the difference between the largest and smallest counts. [2 marks]

24. Order these numbers from smallest to largest: 10,569, 10,535, 10,557, 10,540. [2 marks]

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25. Round 10,560 to the nearest 100. [2 marks]

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

27. A library has 10548 books. It receives 83 more and lends out 18. How many books remain? [2 marks]

28. Calculate 168×16 . [2 marks]

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29. 67 children need transport. Each minibus carries 7 children. What is the smallest number of minibuses needed? [2 marks]

30. Find the lowest common multiple of 6 and 15. [2 marks]
