
Year 5 End-of-Year Maths

Paper 07 | 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 12,055 into place-value parts. [1 mark]

2. The temperature is -17 degrees C. It rises by 26 degrees. What is the new temperature? [1 mark]

3. Write 106 in Roman numerals. [1 mark]

4. Calculate $12055 + 105$. [1 mark]

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5. 355 boxes each hold 27 pencils. How many pencils are there altogether? [1 mark]

6. Calculate $83 \div 4$. Give any remainder. [1 mark]

7. List all positive factors of 27. [1 mark]

8. Find $\frac{1}{4}$ of 128. Show how you divide then multiply. [1 mark]

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9. Complete the equivalent fraction: $\frac{3}{4} = \frac{?}{68}$. [1 mark]

10. Calculate $\frac{1}{4} + \frac{1}{8}$. Then find this fraction of 512. [1 mark]

11. Calculate $17 \times \frac{3}{4}$. Give an exact fraction or mixed number. [2 marks]

12. Calculate $2.05 + 0.25$. [2 marks]

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13. Write 10% as a simplified fraction and a decimal. Then find 10% of 640. [2 marks]

14. Convert 17.15 metres to centimetres and millimetres. [2 marks]

15. A notebook costs GBP 2.85. Buy 5 notebooks and pay GBP 17.00. Find the change. [2 marks]

16. A lesson starts at 08:30 and finishes at 09:10. How many minutes does it last? [2 marks]

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17. A rectangle measures 32 cm by 9 cm. Find its perimeter. [2 marks]

18. A rectangle measures 32 cm by 9 cm. A 17 cm by 1 cm corner is removed. Find the remaining area. [2 marks]

19. A cuboid is 17 cm by 9 cm by 16 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 18 cm; find its perimeter. [2 marks]

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21. Two angles on a straight line are 45 degrees and x degrees. Find x . [2 marks]

22. A point is (32,9). Reflect it in the vertical line $x=34$. Give the image coordinates. [2 marks]

23. A survey table gives Apples: 17, Bananas: 19, Pears: 21, Oranges: 23. Find the total and the difference between the largest and smallest counts. [2 marks]

24. Order these numbers from smallest to largest: 12,213, 12,179, 12,201, 12,184. [2 marks]

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25. Round 12,240 to the nearest 100. [2 marks]

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

27. A library has 12192 books. It receives 107 more and lends out 54. How many books remain? [2 marks]

28. Calculate 372×28 . [2 marks]

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29. 106 children need transport. Each minibus carries 5 children. What is the smallest number of minibuses needed? [2 marks]

30. Find the lowest common multiple of 18 and 12. [2 marks]
