
Year 5 End-of-Year Maths

Paper 02 | 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 10,685 into place-value parts. [1 mark]

2. Round 10,700 to the nearest 1,000. [1 mark]

3. Write 36 in Roman numerals. [1 mark]

4. Calculate $10685 + 85$. [1 mark]

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5. Calculate 185×17 . [1 mark]

6. Calculate $85 \div 8$. Give any remainder. [1 mark]

7. List all positive factors of 17. [1 mark]

8. Find $\frac{6}{8}$ of 96. Show how you divide then multiply. [1 mark]

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9. Complete the equivalent fraction: $\frac{7}{8} = \frac{?}{56}$. [1 mark]

10. Calculate $\frac{1}{8} + \frac{1}{16}$. Then find this fraction of 768. [1 mark]

11. Calculate $7 \times \frac{7}{8}$. Give an exact fraction or mixed number. [2 marks]

12. Calculate $1.35 + 0.15$. [2 marks]

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13. Write 10% as a simplified fraction and a decimal. Then find 10% of 240. [2 marks]

14. Convert 7.05 metres to centimetres and millimetres. [2 marks]

15. A notebook costs GBP 1.75. Buy 3 notebooks and pay GBP 8.00. Find the change. [2 marks]

16. A lesson starts at 08:10 and finishes at 08:40. How many minutes does it last? [2 marks]

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17. A rectangle measures 12 cm by 5 cm. Find its perimeter. [2 marks]

18. A rectangle measures 12 cm by 5 cm. A 7 cm by 1 cm corner is removed. Find the remaining area. [2 marks]

19. A cuboid is 7 cm by 5 cm by 6 cm. Find its volume. [2 marks]

20. An equilateral triangle has side 8 cm. Name its angle property, number of lines of symmetry and perimeter. [2 marks]

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21. Two angles on a straight line are 35 degrees and x degrees. Find x . [2 marks]

22. A point is (12,5). Reflect it in the vertical line $x=14$. Give the image coordinates. [2 marks]

23. A survey table gives Apples: 7, Bananas: 9, Pears: 11, Oranges: 13. Find the total and the difference between the largest and smallest counts. [2 marks]

24. Order these numbers from smallest to largest: 10,843, 10,809, 10,831, 10,814. [2 marks]

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25. The temperature is -8 degrees C. It rises by 16 degrees. What is the new temperature? [2 marks]

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

27. A library has 10822 books. It receives 87 more and lends out 24. How many books remain? [2 marks]

28. 202 boxes each hold 18 pencils. How many pencils are there altogether? [2 marks]

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29. 105 children need transport. Each minibus carries 9 children. What is the smallest number of minibuses needed? [2 marks]

30. Find the lowest common multiple of 8 and 8. [2 marks]
