
Year 6 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 103,655 into place-value parts. [1 mark]

2. Round 103,670 to the nearest 1,000. [1 mark]

3. Calculate $103655 + 85$. [1 mark]

4. Calculate 185×17 . [1 mark]

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5. Calculate $175 \div 17$. Give any remainder. [1 mark]

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

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

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

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9. Calculate $\frac{1}{8} + \frac{1}{9}$. Then find this fraction of 432. [1 mark]

10. Calculate $\frac{7}{8} \times \frac{4}{5}$. Then find this fraction of 240. [1 mark]

11. Calculate $\frac{7}{8} \div 7$. Give a simplified fraction. [2 marks]

12. Calculate 1.35×7 . [2 marks]

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13. Find 10% of 240. [2 marks]

14. Share 96 counters in the ratio 7:5. [2 marks]

15. A rule is $y = 7 \times n + 5$. Find n when $y = 54$. [2 marks]

16. A sequence starts 5, 12, 19, 26. Find the next two terms and describe the rule. [2 marks]

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

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

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

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

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21. A triangle has base 24 cm and perpendicular height 5 cm. Find its area. [2 marks]

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

23. A circle has radius 12 cm. Find its diameter and describe a radius. [2 marks]

24. A triangle has angles 35 degrees and 45 degrees. Find its third angle. [2 marks]

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25. Reflect point $(-12, 5)$ in the y-axis. Then translate it 2 units left and 7 units down. Give the final coordinates. [2 marks]

26. Find the mean of 7, 9, 11, 13. [2 marks]

27. Order these numbers from smallest to largest: 104,407, 104,373, 104,395, 104,378. [2 marks]

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

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29. A library has 104386 books. It receives 87 more and lends out 24. How many books remain? [2 marks]

30. 202 boxes each hold 18 pencils. How many pencils are there altogether? [2 marks]
