
Year 6 End-of-Year Maths

Paper 09 | 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 113,889 into place-value parts. [1 mark]

2. Round 113,946 to the nearest 100. [1 mark]

3. Calculate $113889 + 113$. [1 mark]

4. Calculate 423×31 . [1 mark]

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5. Calculate $763 \div 31$. Give any remainder. [1 mark]

6. List all positive factors of 31. [1 mark]

7. Find $\frac{6}{8}$ of 320. Show how you divide then multiply. [1 mark]

8. Complete the equivalent fraction: $\frac{7}{8} = \frac{?}{168}$. [1 mark]

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9. Calculate $\frac{1}{8} + \frac{1}{9}$. Then find this fraction of 1440. [1 mark]

10. Calculate $\frac{7}{8} \times \frac{7}{8}$. Then find this fraction of 1280. [1 mark]

11. Calculate $\frac{7}{8} \div 21$. Give a simplified fraction. [2 marks]

12. Calculate 2.33×21 . [2 marks]

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13. Find 75% of 800. [2 marks]

14. Share 638 counters in the ratio 21:8. [2 marks]

15. A rule is $y = 21 \times n + 8$. Find n when $y = 449$. [2 marks]

16. A sequence starts 19, 40, 61, 82. Find the next two terms and describe the rule. [2 marks]

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17. Convert 21.19 metres to centimetres and millimetres. [2 marks]

18. A notebook costs GBP 3.29. Buy 5 notebooks and pay GBP 19.00. Find the change. [2 marks]

19. A lesson starts at 08:38 and finishes at 09:22. How many minutes does it last? [2 marks]

20. A rectangle measures 40 cm by 8 cm. Find its perimeter. [2 marks]

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21. A triangle has base 80 cm and perpendicular height 8 cm. Find its area. [2 marks]

22. A cuboid is 21 cm by 8 cm by 20 cm. Find its volume. [2 marks]

23. A circle has radius 40 cm. Find its diameter and describe a radius. [2 marks]

24. A triangle has angles 49 degrees and 59 degrees. Find its third angle. [2 marks]

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25. Reflect point $(-40,8)$ in the y-axis. Then translate it 2 units left and 21 units down. Give the final coordinates. [2 marks]

26. Find the mean of 21, 23, 25, 27. [2 marks]

27. Order these numbers from smallest to largest: 114,641, 114,607, 114,629, 114,612. [2 marks]

28. Round 114,680 to the nearest 1,000. [2 marks]

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29. A library has 114620 books. It receives 115 more and lends out 66. How many books remain? [2 marks]

30. Calculate 440×32 . [2 marks]
