
Year 6 End-of-Year Maths

Paper 03 | 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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Name: _____ Date: _____

1. Partition 105,117 into place-value parts. [1 mark]

2. Round 105,138 to the nearest 100. [1 mark]

3. Calculate $105117 + 89$. [1 mark]

4. Calculate 219×19 . [1 mark]

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Paper 03 | KS2 | 50 marks

Name: _____ Date: _____

5. Calculate $235 \div 19$. Give any remainder. [1 mark]

6. List all positive factors of 19. [1 mark]

7. Find $\frac{2}{3}$ of 48. Show how you divide then multiply. [1 mark]

8. Complete the equivalent fraction: $\frac{2}{3} = \frac{?}{27}$. [1 mark]

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Name: _____ Date: _____

9. Calculate $\frac{1}{3} + \frac{1}{4}$. Then find this fraction of 96. [1 mark]

10. Calculate $\frac{2}{3} \times \frac{10}{11}$. Then find this fraction of 264. [1 mark]

11. Calculate $\frac{2}{3} \div 9$. Give a simplified fraction. [2 marks]

12. Calculate 1.49×9 . [2 marks]

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Name: _____ Date: _____

13. Find 25% of 320. [2 marks]

14. Share 200 counters in the ratio 9:11. [2 marks]

15. A rule is $y = 9 \times n + 11$. Find n when $y = 92$. [2 marks]

16. A sequence starts 7, 16, 25, 34. Find the next two terms and describe the rule. [2 marks]

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17. Convert 9.07 metres to centimetres and millimetres. [2 marks]

18. A notebook costs GBP 1.97. Buy 5 notebooks and pay GBP 12.00. Find the change. [2 marks]

19. A lesson starts at 08:14 and finishes at 08:46. How many minutes does it last? [2 marks]

20. A rectangle measures 16 cm by 11 cm. Find its perimeter. [2 marks]

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21. A triangle has base 32 cm and perpendicular height 11 cm. Find its area. [2 marks]

22. A cuboid is 9 cm by 11 cm by 8 cm. Find its volume. [2 marks]

23. A circle has radius 16 cm. Find its diameter and describe a radius. [2 marks]

24. A triangle has angles 37 degrees and 47 degrees. Find its third angle. [2 marks]

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25. Reflect point $(-16, 11)$ in the y-axis. Then translate it 2 units left and 9 units down. Give the final coordinates. [2 marks]

26. Find the mean of 9, 11, 13, 15. [2 marks]

27. Order these numbers from smallest to largest: 105,869, 105,835, 105,857, 105,840. [2 marks]

28. Round 105,872 to the nearest 1,000. [2 marks]

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29. A library has 105848 books. It receives 91 more and lends out 30. How many books remain? [2 marks]

30. Calculate 236×20 . [2 marks]
