
Year 6 End-of-Year Maths

Paper 04 | 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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Paper 04 | KS2 | 50 marks

Name: _____ Date: _____

1. Partition 106,579 into place-value parts. [1 mark]

2. The temperature is -11 degrees C. It rises by 15 degrees. What is the new temperature? [1 mark]

3. Calculate $106579 + 93$. [1 mark]

4. 253 boxes each hold 21 pencils. How many pencils are there altogether? [1 mark]

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Paper 04 | KS2 | 50 marks

Name: _____ Date: _____

5. Calculate $303 \div 21$. Give any remainder. [1 mark]

6. List all positive factors of 21. [1 mark]

7. Find $\frac{2}{5}$ of 100. Show how you divide then multiply. [1 mark]

8. Complete the equivalent fraction: $\frac{4}{5} = \frac{?}{55}$. [1 mark]

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Paper 04 | KS2 | 50 marks

Name: _____ Date: _____

9. Calculate $\frac{1}{5} + \frac{1}{6}$. Then find this fraction of 300. [1 mark]

10. Calculate $\frac{4}{5} \times \frac{3}{4}$. Then find this fraction of 200. [1 mark]

11. Calculate $\frac{4}{5} \div 11$. Give a simplified fraction. [2 marks]

12. Calculate 1.63×11 . [2 marks]

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Name: _____ Date: _____

13. Find 75% of 400. [2 marks]

14. Share 180 counters in the ratio 11:4. [2 marks]

15. A rule is $y = 11 \times n + 4$. Find n when $y = 125$. [2 marks]

16. A sequence starts 9, 20, 31, 42. Find the next two terms and describe the rule. [2 marks]

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17. Convert 11.09 metres to centimetres and millimetres. [2 marks]

18. A notebook costs GBP 2.19. Buy 3 notebooks and pay GBP 9.00. Find the change. [2 marks]

19. A lesson starts at 08:18 and finishes at 08:52. How many minutes does it last? [2 marks]

20. A rectangle measures 20 cm by 4 cm. Find its perimeter. [2 marks]

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21. A triangle has base 40 cm and perpendicular height 4 cm. Find its area. [2 marks]

22. A cuboid is 11 cm by 4 cm by 10 cm. Find its volume. [2 marks]

23. A circle has radius 20 cm. Find its diameter and describe a radius. [2 marks]

24. A triangle has angles 39 degrees and 49 degrees. Find its third angle. [2 marks]

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25. Reflect point $(-20,4)$ in the y-axis. Then translate it 2 units left and 11 units down. Give the final coordinates. [2 marks]

26. Find the mean of 11, 13, 15, 17. [2 marks]

27. Order these numbers from smallest to largest: 107,331, 107,297, 107,319, 107,302. [2 marks]

28. Round 107,340 to the nearest 100. [2 marks]

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29. A library has 107310 books. It receives 95 more and lends out 36. How many books remain? [2 marks]

30. Calculate 270×22 . [2 marks]
