
Year 6 End-of-Year Maths

Paper 05 | 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 05 | KS2 | 50 marks

Name: _____ Date: _____

1. Partition 108,041 into place-value parts. [1 mark]

2. Round 108,074 to the nearest 1,000. [1 mark]

3. Calculate $108041 + 97$. [1 mark]

4. Calculate 287×23 . [1 mark]

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Paper 05 | KS2 | 50 marks

Name: _____ Date: _____

5. Calculate $379 \div 23$. Give any remainder. [1 mark]

6. List all positive factors of 23. [1 mark]

7. Find $\frac{6}{7}$ of 168. Show how you divide then multiply. [1 mark]

8. Complete the equivalent fraction: $\frac{6}{7} = \frac{?}{91}$. [1 mark]

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Name: _____ Date: _____

9. Calculate $\frac{1}{7} + \frac{1}{8}$. Then find this fraction of 672. [1 mark]

10. Calculate $\frac{6}{7} \times \frac{9}{10}$. Then find this fraction of 840. [1 mark]

11. Calculate $\frac{6}{7} \div 13$. Give a simplified fraction. [2 marks]

12. Calculate 1.77×13 . [2 marks]

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13. Find 20% of 480. [2 marks]

14. Share 322 counters in the ratio 13:10. [2 marks]

15. A rule is $y = 13 \times n + 10$. Find n when $y = 179$. [2 marks]

16. A sequence starts 11, 24, 37, 50. Find the next two terms and describe the rule. [2 marks]

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17. Convert 13.11 metres to centimetres and millimetres. [2 marks]

18. A notebook costs GBP 2.41. Buy 5 notebooks and pay GBP 15.00. Find the change. [2 marks]

19. A lesson starts at 08:22 and finishes at 08:58. How many minutes does it last? [2 marks]

20. A rectangle measures 24 cm by 10 cm. Find its perimeter. [2 marks]

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21. A triangle has base 48 cm and perpendicular height 10 cm. Find its area. [2 marks]

22. A cuboid is 13 cm by 10 cm by 12 cm. Find its volume. [2 marks]

23. A circle has radius 24 cm. Find its diameter and describe a radius. [2 marks]

24. A triangle has angles 41 degrees and 51 degrees. Find its third angle. [2 marks]

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25. Reflect point $(-24, 10)$ in the y-axis. Then translate it 2 units left and 13 units down. Give the final coordinates. [2 marks]

26. Find the mean of 13, 15, 17, 19. [2 marks]

27. Order these numbers from smallest to largest: 108,793, 108,759, 108,781, 108,764. [2 marks]

28. The temperature is -14 degrees C. It rises by 27 degrees. What is the new temperature? [2 marks]

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29. A library has 108772 books. It receives 99 more and lends out 42. How many books remain? [2 marks]

30. 304 boxes each hold 24 pencils. How many pencils are there altogether? [2 marks]
