
Year 6 End-of-Year Maths

Paper 08 | 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 112,427 into place-value parts. [1 mark]

2. Round 112,478 to the nearest 1,000. [1 mark]

3. Calculate $112427 + 109$. [1 mark]

4. Calculate 389×29 . [1 mark]

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5. Calculate $655 \div 29$. Give any remainder. [1 mark]

6. List all positive factors of 29. [1 mark]

7. Find $\frac{3}{6}$ of 216. Show how you divide then multiply. [1 mark]

8. Complete the equivalent fraction: $\frac{5}{6} = \frac{?}{114}$. [1 mark]

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9. Calculate $\frac{1}{6} + \frac{1}{7}$. Then find this fraction of 756. [1 mark]

10. Calculate $\frac{5}{6} \times \frac{14}{15}$. Then find this fraction of 1620. [1 mark]

11. Calculate $\frac{5}{6} \div 19$. Give a simplified fraction. [2 marks]

12. Calculate 2.19×19 . [2 marks]

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13. Find 25% of 720. [2 marks]

14. Share 680 counters in the ratio 19:15. [2 marks]

15. A rule is $y = 19 \times n + 15$. Find n when $y = 376$. [2 marks]

16. A sequence starts 17, 36, 55, 74. Find the next two terms and describe the rule. [2 marks]

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17. Convert 19.17 metres to centimetres and millimetres. [2 marks]

18. A notebook costs GBP 3.07. Buy 3 notebooks and pay GBP 12.00. Find the change. [2 marks]

19. A lesson starts at 08:34 and finishes at 09:16. How many minutes does it last? [2 marks]

20. A rectangle measures 36 cm by 15 cm. Find its perimeter. [2 marks]

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21. A triangle has base 72 cm and perpendicular height 15 cm. Find its area. [2 marks]

22. A cuboid is 19 cm by 15 cm by 18 cm. Find its volume. [2 marks]

23. A circle has radius 36 cm. Find its diameter and describe a radius. [2 marks]

24. A triangle has angles 47 degrees and 57 degrees. Find its third angle. [2 marks]

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25. Reflect point $(-36,15)$ in the y-axis. Then translate it 2 units left and 19 units down. Give the final coordinates. [2 marks]

26. Find the mean of 19, 21, 23, 25. [2 marks]

27. Order these numbers from smallest to largest: 113,179, 113,145, 113,167, 113,150. [2 marks]

28. The temperature is -20 degrees C. It rises by 25 degrees. What is the new temperature? [2 marks]

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29. A library has 113158 books. It receives 111 more and lends out 60. How many books remain? [2 marks]

30. 406 boxes each hold 30 pencils. How many pencils are there altogether? [2 marks]
