
Year 6 End-of-Year Maths

Paper 10 | 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 115,351 into place-value parts. [1 mark]

2. The temperature is -23 degrees C. It rises by 37 degrees. What is the new temperature? [1 mark]

3. Calculate $115351 + 117$. [1 mark]

4. 457 boxes each hold 33 pencils. How many pencils are there altogether? [1 mark]

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5. Calculate $879 \div 33$. Give any remainder. [1 mark]

6. List all positive factors of 33. [1 mark]

7. Find $\frac{2}{3}$ of 132. Show how you divide then multiply. [1 mark]

8. Complete the equivalent fraction: $\frac{2}{3} = \frac{?}{69}$. [1 mark]

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9. Calculate $\frac{1}{3} + \frac{1}{4}$. Then find this fraction of 264. [1 mark]

10. Calculate $\frac{2}{3} \times \frac{13}{14}$. Then find this fraction of 924. [1 mark]

11. Calculate $\frac{2}{3} \div \frac{23}{23}$. Give a simplified fraction. [2 marks]

12. Calculate 2.47×23 . [2 marks]

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13. Find 20% of 880. [2 marks]

14. Share 888 counters in the ratio 23:14. [2 marks]

15. A rule is $y = 23 \times n + 14$. Find n when $y = 543$. [2 marks]

16. A sequence starts 21, 44, 67, 90. Find the next two terms and describe the rule. [2 marks]

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17. Convert 23.21 metres to centimetres and millimetres. [2 marks]

18. A notebook costs GBP 3.51. Buy 3 notebooks and pay GBP 13.00. Find the change. [2 marks]

19. A lesson starts at 08:42 and finishes at 09:28. How many minutes does it last? [2 marks]

20. A rectangle measures 44 cm by 14 cm. Find its perimeter. [2 marks]

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21. A triangle has base 88 cm and perpendicular height 14 cm. Find its area. [2 marks]

22. A cuboid is 23 cm by 14 cm by 22 cm. Find its volume. [2 marks]

23. A circle has radius 44 cm. Find its diameter and describe a radius. [2 marks]

24. A triangle has angles 51 degrees and 61 degrees. Find its third angle. [2 marks]

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25. Reflect point $(-44, 14)$ in the y-axis. Then translate it 2 units left and 23 units down. Give the final coordinates. [2 marks]

26. Find the mean of 23, 25, 27, 29. [2 marks]

27. Order these numbers from smallest to largest: 116,103, 116,069, 116,091, 116,074. [2 marks]

28. Round 116,148 to the nearest 100. [2 marks]
