
Year 6 End-of-Year Maths

Paper 07 | 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 110,965 into place-value parts. [1 mark]

2. The temperature is -17 degrees C. It rises by 26 degrees. What is the new temperature? [1 mark]

3. Calculate $110965 + 105$. [1 mark]

4. 355 boxes each hold 27 pencils. How many pencils are there altogether? [1 mark]

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5. Calculate $555 \div 27$. Give any remainder. [1 mark]

6. List all positive factors of 27. [1 mark]

7. Find $\frac{1}{4}$ of 128. Show how you divide then multiply. [1 mark]

8. Complete the equivalent fraction: $\frac{3}{4} = \frac{?}{68}$. [1 mark]

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9. Calculate $\frac{1}{4} + \frac{1}{5}$. Then find this fraction of 320. [1 mark]

10. Calculate $\frac{3}{4} \times \frac{8}{9}$. Then find this fraction of 576. [1 mark]

11. Calculate $\frac{3}{4} \div 17$. Give a simplified fraction. [2 marks]

12. Calculate 2.05×17 . [2 marks]

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13. Find 10% of 640. [2 marks]

14. Share 468 counters in the ratio 17:9. [2 marks]

15. A rule is $y = 17 \times n + 9$. Find n when $y = 298$. [2 marks]

16. A sequence starts 15, 32, 49, 66. Find the next two terms and describe the rule. [2 marks]

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17. Convert 17.15 metres to centimetres and millimetres. [2 marks]

18. A notebook costs GBP 2.85. Buy 5 notebooks and pay GBP 17.00. Find the change. [2 marks]

19. A lesson starts at 08:30 and finishes at 09:10. How many minutes does it last? [2 marks]

20. A rectangle measures 32 cm by 9 cm. Find its perimeter. [2 marks]

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21. A triangle has base 64 cm and perpendicular height 9 cm. Find its area. [2 marks]

22. A cuboid is 17 cm by 9 cm by 16 cm. Find its volume. [2 marks]

23. A circle has radius 32 cm. Find its diameter and describe a radius. [2 marks]

24. A triangle has angles 45 degrees and 55 degrees. Find its third angle. [2 marks]

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25. Reflect point $(-32,9)$ in the y-axis. Then translate it 2 units left and 17 units down. Give the final coordinates. [2 marks]

26. Find the mean of 17, 19, 21, 23. [2 marks]

27. Order these numbers from smallest to largest: 111,717, 111,683, 111,705, 111,688. [2 marks]

28. Round 111,744 to the nearest 100. [2 marks]
