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## Year 3 End-of-Year Maths

Paper 05 | KS2 | 50 marks

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Suggested time: 45 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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Name: \_\_\_\_\_ Date: \_\_\_\_\_

1. Partition 177 into place-value parts. [1 mark]

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2. Calculate  $133 + 97$ . [1 mark]

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3. Calculate  $622 - 133$ . Check by addition. [1 mark]

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4. Calculate  $21 \times 8$ . [1 mark]

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Name: \_\_\_\_\_ Date: \_\_\_\_\_

5. Calculate  $131 \div 8$ . Give any remainder. [1 mark]

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

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

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8. Calculate  $\frac{1}{7} + \frac{5}{7}$ . Then find this fraction of 84 counters. [1 mark]

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9. Write 1311 cm in metres and centimetres. [1 mark]

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10. A jug contains 13 litres and 33 millilitres. How many millilitres is this altogether? [1 mark]

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

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

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Name: \_\_\_\_\_ Date: \_\_\_\_\_

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

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14. An equilateral triangle has side 14 cm. Name its angle property, number of lines of symmetry and perimeter. [2 marks]

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15. A robot makes 12 quarter turns clockwise. How many complete turns and extra quarter turns is this? [2 marks]

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16. A survey table gives Apples: 13, Bananas: 15, Pears: 17, Oranges: 19. Find the total and the difference between the largest and smallest counts. [2 marks]

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Name: \_\_\_\_\_ Date: \_\_\_\_\_

17. Order these numbers from smallest to largest: 205, 171, 193, 176. [2 marks]

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18. Calculate  $136 + 99$ . [2 marks]

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19. Calculate  $624 - 136$ . Check by addition. [2 marks]

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20. 22 boxes each hold 3 pencils. How many pencils are there altogether? [2 marks]

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Name: \_\_\_\_\_ Date: \_\_\_\_\_

21. 51 children need transport. Each minibus carries 3 children. What is the smallest number of minibuses needed? [2 marks]

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22. Find  $\frac{6}{8}$  of 208. Show how you divide then multiply. [2 marks]

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23. Which is greater:  $\frac{1}{8}$  or  $\frac{1}{9}$ ? Explain. Find the larger fraction of 936 counters. [2 marks]

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24. Calculate  $\frac{1}{8} + \frac{6}{8}$ . Then find this fraction of 104 counters. [2 marks]

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## Year 3 End-of-Year Maths

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Name: \_\_\_\_\_ Date: \_\_\_\_\_

25. Write 1412 cm in metres and centimetres. [2 marks]

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26. A jug contains 14 litres and 36 millilitres. How many millilitres is this altogether? [2 marks]

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27. A notebook costs GBP 2.52. Buy 2 notebooks and pay GBP 8.00. Find the change. [2 marks]

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28. A lesson starts at 08:24 and finishes at 09:01. How many minutes does it last? [2 marks]

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## Year 3 End-of-Year Maths

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Name: \_\_\_\_\_ Date: \_\_\_\_\_

29. A rectangle measures 26 cm by 13 cm. Find its perimeter. [2 marks]

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30. Name a 3D shape with 6 square faces. How many vertices and edges does it have? A face has side 15 cm; find its perimeter. [2 marks]

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