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## Year 3 End-of-Year Maths

Paper 06 | 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 191 into place-value parts. [1 mark]

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2. Calculate  $139 + 101$ . [1 mark]

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3. Calculate  $626 - 139$ . Check by addition. [1 mark]

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4. Calculate  $23 \times 4$ . [1 mark]

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

5. Calculate  $73 \div 4$ . Give any remainder. [1 mark]

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6. Find  $\frac{6}{9}$  of 252. Show how you divide then multiply. [1 mark]

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7. Complete the equivalent fraction:  $\frac{8}{9} = \frac{?}{135}$ . [1 mark]

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8. Calculate  $\frac{1}{9} + \frac{7}{9}$ . Then find this fraction of 126 counters. [1 mark]

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

9. Write 1513 cm in metres and centimetres. [1 mark]

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10. A jug contains 15 litres and 39 millilitres. How many millilitres is this altogether? [1 mark]

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11. A notebook costs GBP 2.63. Buy 3 notebooks and pay GBP 10.00. Find the change. [2 marks]

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12. A lesson starts at 08:26 and finishes at 09:04. How many minutes does it last? [2 marks]

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

13. A rectangle measures 28 cm by 3 cm. Find its perimeter. [2 marks]

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14. A rectangle has sides 33 cm and 3 cm, which are unequal. How many lines of symmetry does it have? [2 marks]

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15. A robot makes 14 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: 15, Bananas: 17, Pears: 19, Oranges: 21. 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: 219, 185, 207, 190. [2 marks]

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18. Calculate  $142 + 103$ . [2 marks]

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19. Calculate  $628 - 142$ . Check by addition. [2 marks]

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20. Calculate  $24 \times 8$ . [2 marks]

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21. 158 children need transport. Each minibus carries 8 children. What is the smallest number of minibuses needed? [2 marks]

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22. Find  $\frac{1}{3}$  of 90. Show how you divide then multiply. [2 marks]

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23. Which is greater:  $\frac{1}{3}$  or  $\frac{1}{4}$ ? Explain. Find the larger fraction of 180 counters. [2 marks]

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24. Calculate  $\frac{1}{3} + \frac{1}{3}$ . Then find this fraction of 45 counters. [2 marks]

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## Year 3 End-of-Year Maths

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

25. Write 1614 cm in metres and centimetres. [2 marks]

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26. A jug contains 16 litres and 42 millilitres. How many millilitres is this altogether? [2 marks]

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27. A notebook costs GBP 2.74. Buy 4 notebooks and pay GBP 13.00. Find the change. [2 marks]

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28. A lesson starts at 08:28 and finishes at 09:07. How many minutes does it last? [2 marks]

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

29. A rectangle measures 30 cm by 6 cm. Find its perimeter. [2 marks]

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30. An equilateral triangle has side 17 cm. Name its angle property, number of lines of symmetry and perimeter. [2 marks]

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