
Year 3 End-of-Year Maths

Paper 02 | 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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1. Partition 135 into place-value parts. [1 mark]

2. Calculate $115 + 85$. [1 mark]

3. Calculate $610 - 115$. Check by addition. [1 mark]

4. Calculate 15×8 . [1 mark]

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5. Calculate $85 \div 8$. Give any remainder. [1 mark]

6. Find $\frac{6}{8}$ of 96. Show how you divide then multiply. [1 mark]

7. Complete the equivalent fraction: $\frac{7}{8} = \frac{?}{56}$. [1 mark]

8. Calculate $\frac{1}{8} + \frac{6}{8}$. Then find this fraction of 48 counters. [1 mark]

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Name: _____ Date: _____

9. Write 705 cm in metres and centimetres. [1 mark]

10. A jug contains 7 litres and 15 millilitres. How many millilitres is this altogether? [1 mark]

11. A notebook costs GBP 1.75. Buy 3 notebooks and pay GBP 8.00. Find the change. [2 marks]

12. A lesson starts at 08:10 and finishes at 08:40. How many minutes does it last? [2 marks]

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13. A rectangle measures 12 cm by 5 cm. Find its perimeter. [2 marks]

14. An equilateral triangle has side 8 cm. Name its angle property, number of lines of symmetry and perimeter. [2 marks]

15. A robot makes 6 quarter turns clockwise. How many complete turns and extra quarter turns is this? [2 marks]

16. A survey table gives Apples: 7, Bananas: 9, Pears: 11, Oranges: 13. Find the total and the difference between the largest and smallest counts. [2 marks]

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17. Order these numbers from smallest to largest: 163, 129, 151, 134. [2 marks]

18. Calculate $118 + 87$. [2 marks]

19. Calculate $612 - 118$. Check by addition. [2 marks]

20. 16 boxes each hold 3 pencils. How many pencils are there altogether? [2 marks]

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21. 33 children need transport. Each minibus carries 3 children. What is the smallest number of minibuses needed? [2 marks]

22. Find $\frac{7}{9}$ of 126. Show how you divide then multiply. [2 marks]

23. Which is greater: $\frac{1}{9}$ or $\frac{1}{10}$? Explain. Find the larger fraction of 630 counters. [2 marks]

24. Calculate $\frac{1}{9} + \frac{7}{9}$. Then find this fraction of 63 counters. [2 marks]

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25. Write 806 cm in metres and centimetres. [2 marks]

26. A jug contains 8 litres and 18 millilitres. How many millilitres is this altogether? [2 marks]

27. A notebook costs GBP 1.86. Buy 4 notebooks and pay GBP 10.00. Find the change. [2 marks]

28. A lesson starts at 08:12 and finishes at 08:43. How many minutes does it last? [2 marks]

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29. A rectangle measures 14 cm by 8 cm. Find its perimeter. [2 marks]

30. Name a 3D shape with 6 square faces. How many vertices and edges does it have? A face has side 9 cm; find its perimeter. [2 marks]
