
Year 3 End-of-Year Maths

Paper 08 | 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 219 into place-value parts. [1 mark]

2. Calculate $151 + 109$. [1 mark]

3. Calculate $634 - 151$. Check by addition. [1 mark]

4. Calculate 27×8 . [1 mark]

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5. Calculate $177 \div 8$. Give any remainder. [1 mark]

6. Find $\frac{3}{6}$ of 216. Show how you divide then multiply. [1 mark]

7. Complete the equivalent fraction: $\frac{5}{6} = \frac{?}{114}$. [1 mark]

8. Calculate $\frac{1}{6} + \frac{4}{6}$. Then find this fraction of 108 counters. [1 mark]

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9. Write 1917 cm in metres and centimetres. [1 mark]

10. A jug contains 19 litres and 51 millilitres. How many millilitres is this altogether? [1 mark]

11. A notebook costs GBP 3.07. Buy 3 notebooks and pay GBP 12.00. Find the change. [2 marks]

12. A lesson starts at 08:34 and finishes at 09:16. How many minutes does it last? [2 marks]

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13. A rectangle measures 36 cm by 15 cm. Find its perimeter. [2 marks]

14. An equilateral triangle has side 20 cm. Name its angle property, number of lines of symmetry and perimeter. [2 marks]

15. A robot makes 18 quarter turns clockwise. How many complete turns and extra quarter turns is this? [2 marks]

16. A survey table gives Apples: 19, Bananas: 21, Pears: 23, Oranges: 25. 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: 247, 213, 235, 218. [2 marks]

18. Calculate $154 + 111$. [2 marks]

19. Calculate $636 - 154$. Check by addition. [2 marks]

20. 28 boxes each hold 3 pencils. How many pencils are there altogether? [2 marks]

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21. 69 children need transport. Each minibus carries 3 children. What is the smallest number of minibuses needed? [2 marks]

22. Find $\frac{1}{7}$ of 266. Show how you divide then multiply. [2 marks]

23. Which is greater: $\frac{1}{7}$ or $\frac{1}{8}$? Explain. Find the larger fraction of 1064 counters. [2 marks]

24. Calculate $\frac{1}{7} + \frac{5}{7}$. Then find this fraction of 133 counters. [2 marks]

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25. Write 2018 cm in metres and centimetres. [2 marks]

26. A jug contains 20 litres and 54 millilitres. How many millilitres is this altogether? [2 marks]

27. A notebook costs GBP 3.18. Buy 4 notebooks and pay GBP 15.00. Find the change. [2 marks]

28. A lesson starts at 08:36 and finishes at 09:19. How many minutes does it last? [2 marks]

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29. A rectangle measures 38 cm by 5 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 21 cm; find its perimeter. [2 marks]
