
Year 3 End-of-Year Maths

Paper 10 | 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 247 into place-value parts. [1 mark]

2. Calculate $163 + 117$. [1 mark]

3. Calculate $642 - 163$. Check by addition. [1 mark]

4. 31 boxes each hold 3 pencils. How many pencils are there altogether? [1 mark]

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Name: _____ Date: _____

5. Calculate $78 \div 3$. Give any remainder. [1 mark]

6. Find $\frac{2}{3}$ of 132. Show how you divide then multiply. [1 mark]

7. Complete the equivalent fraction: $\frac{2}{3} = \frac{?}{69}$. [1 mark]

8. Calculate $\frac{1}{3} + \frac{1}{3}$. Then find this fraction of 66 counters. [1 mark]

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Name: _____ Date: _____

9. Write 2321 cm in metres and centimetres. [1 mark]

10. A jug contains 23 litres and 63 millilitres. How many millilitres is this altogether? [1 mark]

11. A notebook costs GBP 3.51. Buy 3 notebooks and pay GBP 13.00. Find the change. [2 marks]

12. A lesson starts at 08:42 and finishes at 09:28. How many minutes does it last? [2 marks]

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13. A rectangle measures 44 cm by 14 cm. Find its perimeter. [2 marks]

14. Name a 3D shape with 6 square faces. How many vertices and edges does it have? A face has side 24 cm; find its perimeter. [2 marks]

15. A robot makes 22 quarter turns clockwise. How many complete turns and extra quarter turns is this? [2 marks]

16. A survey table gives Apples: 23, Bananas: 25, Pears: 27, Oranges: 29. 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: 275, 241, 263, 246. [2 marks]

18. Calculate $166 + 119$. [2 marks]

19. Calculate $644 - 166$. Check by addition. [2 marks]

20. Calculate 32×4 . [2 marks]

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21. 110 children need transport. Each minibus carries 4 children. What is the smallest number of minibuses needed? [2 marks]

22. Find $\frac{2}{4}$ of 184. Show how you divide then multiply. [2 marks]

23. Which is greater: $\frac{1}{4}$ or $\frac{1}{5}$? Explain. Find the larger fraction of 460 counters. [2 marks]

24. Calculate $\frac{1}{4} + \frac{2}{4}$. Then find this fraction of 92 counters. [2 marks]

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Name: _____ Date: _____

25. Write 2422 cm in metres and centimetres. [2 marks]

26. A jug contains 24 litres and 66 millilitres. How many millilitres is this altogether? [2 marks]

27. A notebook costs GBP 3.62. Buy 4 notebooks and pay GBP 17.00. Find the change. [2 marks]

28. A lesson starts at 08:44 and finishes at 09:31. How many minutes does it last? [2 marks]

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29. A rectangle measures 46 cm by 4 cm. Find its perimeter. [2 marks]

30. A rectangle has sides 42 cm and 4 cm, which are unequal. How many lines of symmetry does it have? [2 marks]
