Key stage 2

Mathematics

Paper 7: arithmetic

First name	
Middle name	
Last name	

Date of birth	Day		Month		Year	

School name	

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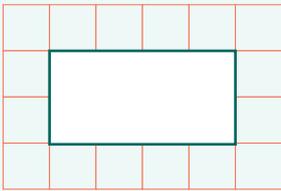Please do not write on this page.

Instructions

You **must not use a calculator** to answer any questions in this test.

Questions and answers

You have **30 minutes** to complete this test.

Work as quickly and as carefully as you can.

Put your answer in the **box** for each question.

All answers should be given as a **single value**.

For questions expressed as common fractions or mixed numbers, you should give your answers as common fractions or mixed numbers.

If you cannot do a question, **go on to the next one.**
You can come back to it later, if you have time.

If you finish before the end, go back and check your work

Marks

The number under each box at the side of the page tells you the number of marks available for each question.
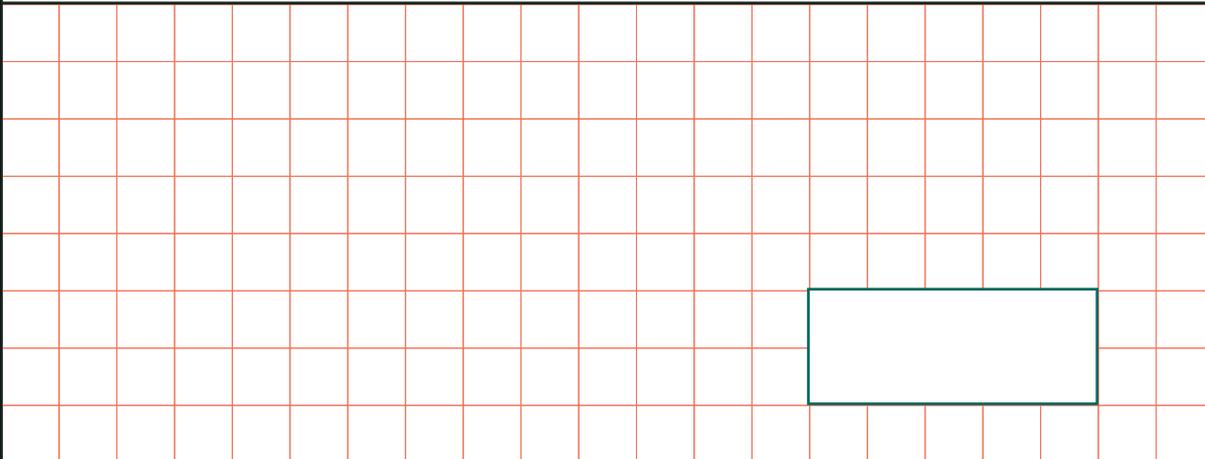
In this test, long division and long multiplication questions are worth **2 marks each**. You will be awarded **2 marks** for a correct answer.
You may get **1 mark** for showing a formal method.

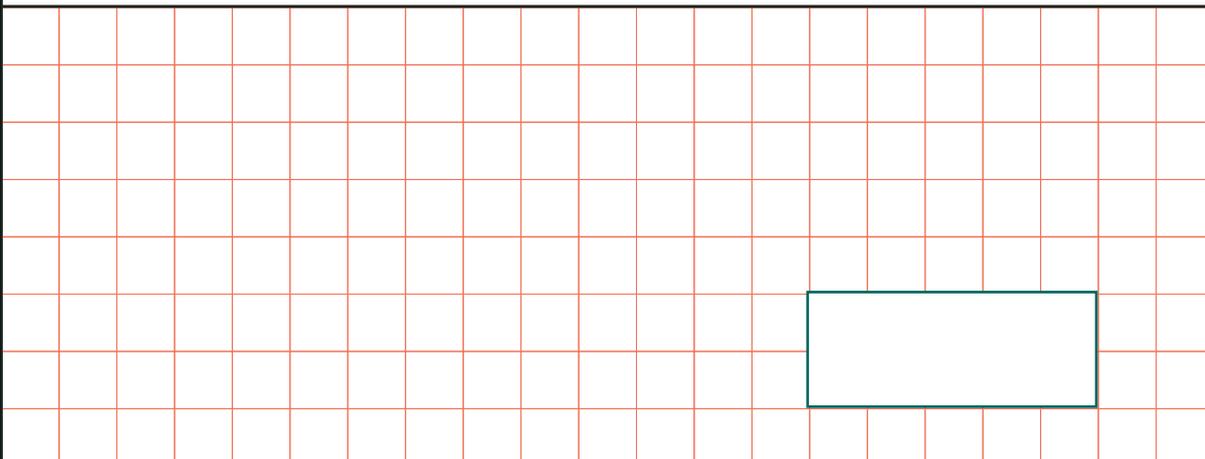All other questions are worth **1 mark each**.

1 5,009 + 240 =

2 9 x 9 =

3 426,421 + 3,994 =

4

350 ÷ 7 =

5

3,941,626 − 324,925 =

6

$\frac{4}{9} \div 2 =$

7 $\frac{1}{3} + \frac{1}{6} =$

1 mark

8   15% of 300 =

1 mark

9   625 ÷ 5 =

1 mark

10 3.63 x 4 =

11 24% of 1,800 =

12 $\frac{3}{4}$ x $\frac{3}{8}$ =

13 85% x 560 =

1 mark

14 5.002 + 3.18 =

1 mark

15 15 − 9.06 =

1 mark

16 $\frac{1}{8} \div 5 =$
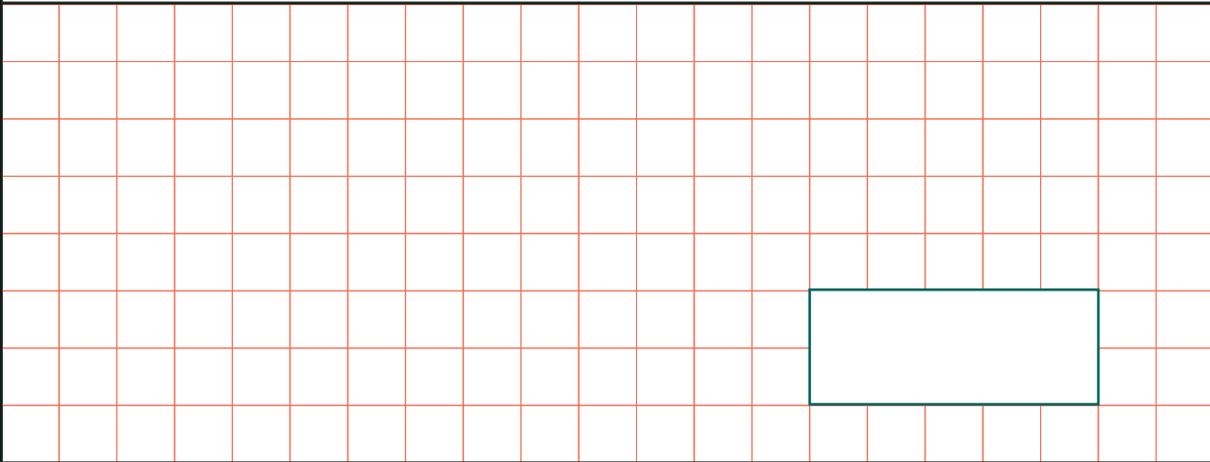
17 $136 - 67.6 =$
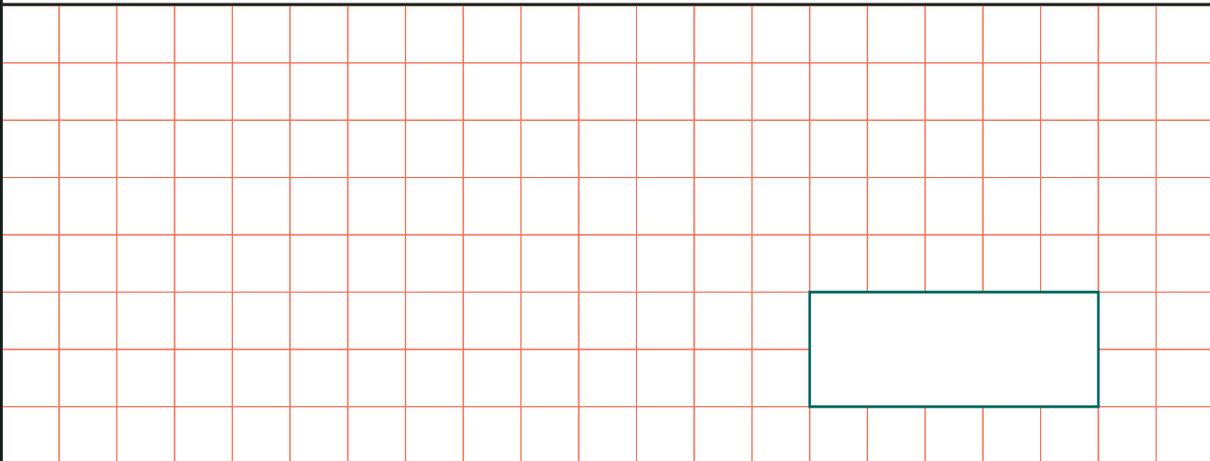
18 $8 \times 2\frac{1}{4} =$
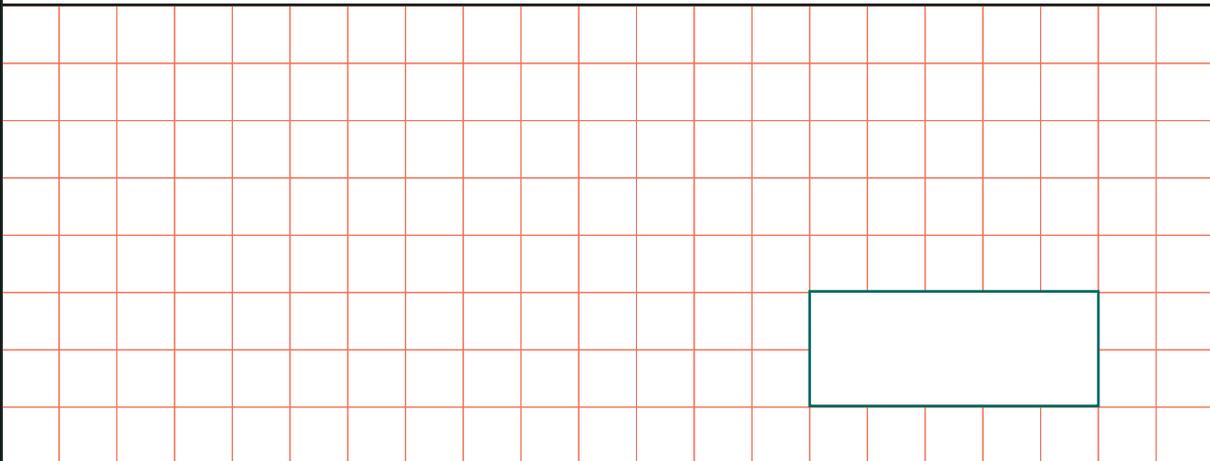
19

$$\frac{5}{8} + \frac{2}{3} =$$

1 mark

20

5,248 ÷ 100 =

1 mark

21

2 3 5 6 3 5

Show your method

2 marks

22

4.34 x 6 =

23

$\frac{4}{5}$ x $\frac{7}{8}$ =

24

Show your method

		3	1	6
x			4	7

25

32.7 − 17.83 =

1 mark

26

15% of 820 =

1 mark

27

$$\begin{array}{r} 2\ 7\ 1\ 2 \\ \times \quad\quad 5\ 3 \\ \hline \end{array}$$

Show your method

2 marks

28 $1\frac{2}{3} - \frac{5}{8} =$

1 mark

29 $6^2 + 14 \div 2 =$

1 mark

30 $1\frac{1}{3} \times 15 =$

1 mark

31 726,328 ÷ 1000 =

1 mark

32 $\frac{7}{8}$ of 568 =

1 mark

33 5.46 x 9 =

1 mark

34 98% of 1950

35 $2\frac{1}{5} - 1\frac{3}{4} =$

36

7 4 9 4 7 2

Show your method

Answers

1. 5,009 + 240 = **5,249**

2. 9 x 9 = **81**

3. 426,421 + 3,994 = **430,415**

4. 350 ÷ 7 = **50**

5. 3,941,626 − 324,925 = **3,616,701**

6. $\frac{4}{9}$ ÷ 2 = $\frac{2}{9}$

7. $\frac{1}{3}$ + $\frac{1}{6}$ = $\frac{3}{6}$ = $\frac{1}{2}$

8. 15% of 300 = **45**

9. 625 ÷ 5 = **125**

10. 3.63 x 4 = **14.52**

11. 24% of 1800 = **432**

12. $\frac{3}{4}$ x $\frac{3}{8}$ = $\frac{9}{32}$

13. 85% x 560 = **476**

14. 5.002 + 3.18 = **8.182**

15. 15 − 9.06 = **5.94**

16. $\frac{1}{8}$ ÷ 5 = $\frac{1}{40}$

17. 136 − 67.6 = **68.4**

18. 8 x $2\frac{1}{4}$ = **18**

19. $\frac{5}{8}$ + $\frac{2}{3}$ = $\frac{31}{24}$ = $1\frac{7}{24}$

20. 5,248 ÷ 100 = **52.48**

21. 5635 ÷ 23 = **245**

22. 4.34 x 6 = **26.04**

23. $\frac{4}{5}$ x $\frac{7}{8}$ = $\frac{28}{40}$ = $\frac{7}{10}$

24. 316 x 47 = **14,852**

25. 32.7 − 17.83 = **14.87**

26. 15% of 820 = **123**

27. 2,712 x 53 = **143,736**

28. $1\frac{2}{3}$ − $\frac{5}{8}$ = $\frac{25}{24}$ = $1\frac{1}{24}$

29. 6^2 + 14 ÷ 2 = **43**

30. $1\frac{1}{3}$ x 15 = **20**

31. 726,328 ÷ 1000 = **726.328**

32. $\frac{7}{8}$ of 568 = **497**

33. 5.46 x 9 = **49.14**

34. 98% of 1950 = **1,911**

35. $2\frac{1}{5}$ − $1\frac{3}{4}$ = $\frac{9}{20}$

36. 9,472 ÷ 74 = **128**