

National curriculum tests

# Key stage 2

## Practice Paper: Arithmetic A4

|               |     |  |       |  |      |  |
|---------------|-----|--|-------|--|------|--|
| First name    |     |  |       |  |      |  |
| Middle name   |     |  |       |  |      |  |
| Last name     |     |  |       |  |      |  |
| Date of birth | Day |  | Month |  | Year |  |
| School name   |     |  |       |  |      |  |



## Key Stage 2 National Curriculum Tests - Practice Paper - Arithmetic

### Instructions

You **may 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.

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

All other answers should be given as either whole or decimal numbers.

If you cannot do one of the questions, **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 maximum number of marks 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**.

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

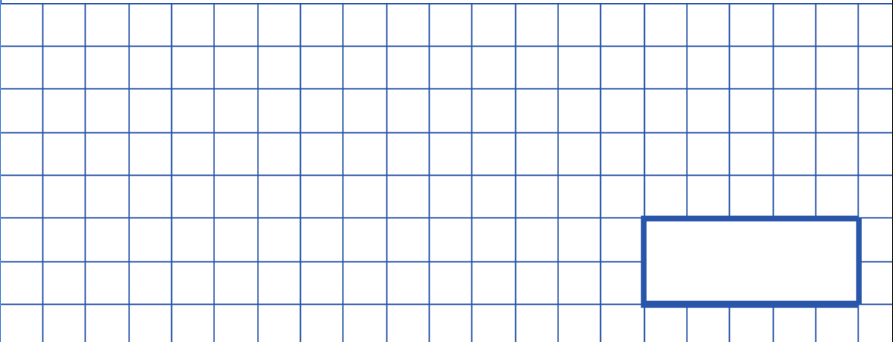
## Key Stage 2 National Curriculum Tests - Practice Paper - Arithmetic

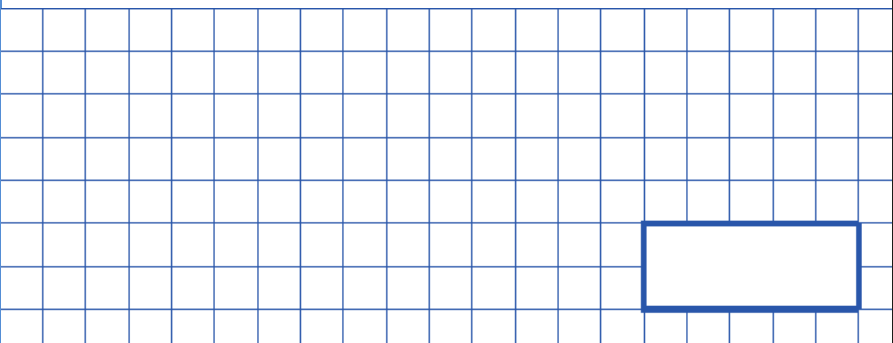
|          |                 |                       |
|----------|-----------------|-----------------------|
| <b>1</b> | $1,921 + 100 =$ | <div></div><br>1 mark |
|          |                 |                       |
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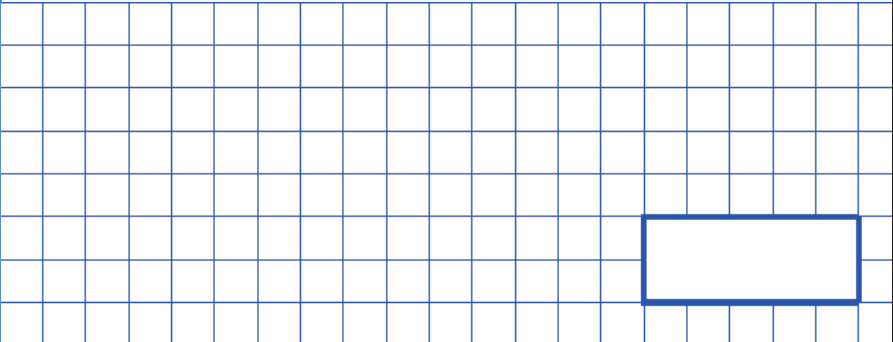
|          |                  |                       |
|----------|------------------|-----------------------|
| <b>2</b> | $326 \times 2 =$ | <div></div><br>1 mark |
|          |                  |                       |
|          |                  |                       |
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|----------|---------------|-----------------------|
| <b>3</b> | $6.2 + 0.7 =$ | <div></div><br>1 mark |
|          |               |                       |
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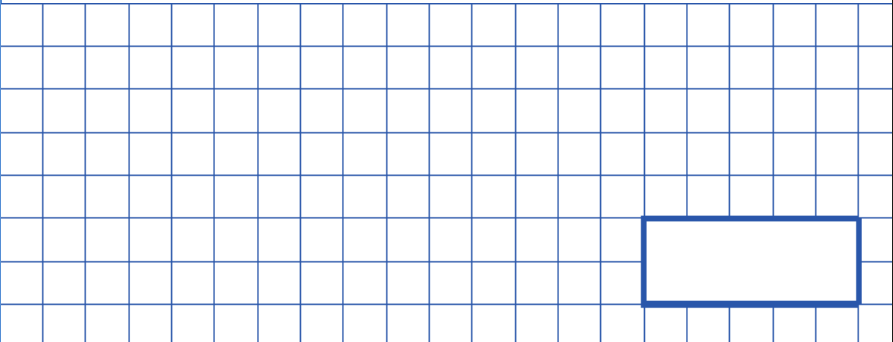
## Key Stage 2 National Curriculum Tests - Practice Paper - Arithmetic

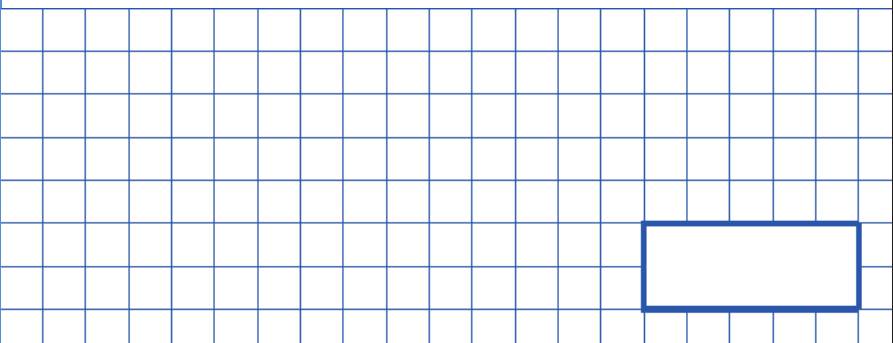
|                                                                                    |                                                                                    |  |  |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |  |  |  |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|-----------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|
| 4                                                                                  | $57 \times 2 =$                                                                    |  |  |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |  |  |  |
|                                                                                    |  |  |  |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |  |  |  |
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|  |                                                                                    |  |  |  |  |  |  |  |  | <br>1 mark |  |  |  |  |  |  |  |  |  |  |

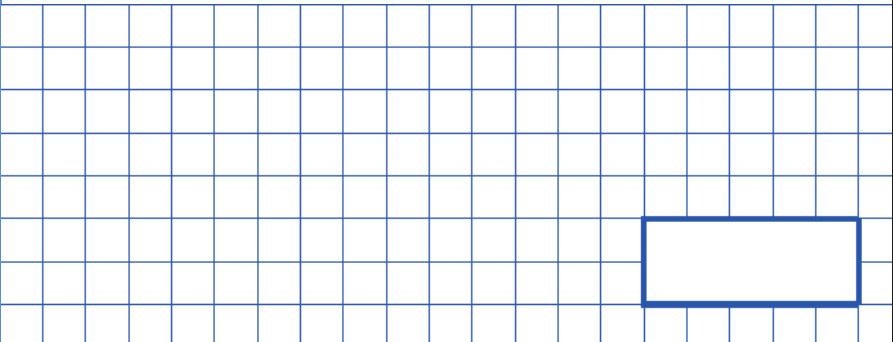
|                                                                                      |                                                                                      |  |  |  |  |  |  |  |  |                                                                                                 |  |  |  |  |  |  |  |  |  |  |
|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|-------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|
| 5                                                                                    | $5,434 + 418 =$                                                                      |  |  |  |  |  |  |  |  |                                                                                                 |  |  |  |  |  |  |  |  |  |  |
|                                                                                      |  |  |  |  |  |  |  |  |  |                                                                                                 |  |  |  |  |  |  |  |  |  |  |
|                                                                                      |                                                                                      |  |  |  |  |  |  |  |  |                                                                                                 |  |  |  |  |  |  |  |  |  |  |
|                                                                                      |                                                                                      |  |  |  |  |  |  |  |  |                                                                                                 |  |  |  |  |  |  |  |  |  |  |
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|                                                                                      |                                                                                      |  |  |  |  |  |  |  |  |                                                                                                 |  |  |  |  |  |  |  |  |  |  |
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|                                                                                      |                                                                                      |  |  |  |  |  |  |  |  |                                                                                                 |  |  |  |  |  |  |  |  |  |  |
|  |                                                                                      |  |  |  |  |  |  |  |  | <br>1 mark |  |  |  |  |  |  |  |  |  |  |

|                                                                                      |                                                                                      |  |  |  |  |  |  |  |  |                                                                                                 |  |  |  |  |  |  |  |  |  |  |
|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|-------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|
| 6                                                                                    | $48 \div 6 =$                                                                        |  |  |  |  |  |  |  |  |                                                                                                 |  |  |  |  |  |  |  |  |  |  |
|                                                                                      |  |  |  |  |  |  |  |  |  |                                                                                                 |  |  |  |  |  |  |  |  |  |  |
|                                                                                      |                                                                                      |  |  |  |  |  |  |  |  |                                                                                                 |  |  |  |  |  |  |  |  |  |  |
|                                                                                      |                                                                                      |  |  |  |  |  |  |  |  |                                                                                                 |  |  |  |  |  |  |  |  |  |  |
|                                                                                      |                                                                                      |  |  |  |  |  |  |  |  |                                                                                                 |  |  |  |  |  |  |  |  |  |  |
|                                                                                      |                                                                                      |  |  |  |  |  |  |  |  |                                                                                                 |  |  |  |  |  |  |  |  |  |  |
|                                                                                      |                                                                                      |  |  |  |  |  |  |  |  |                                                                                                 |  |  |  |  |  |  |  |  |  |  |
|                                                                                      |                                                                                      |  |  |  |  |  |  |  |  |                                                                                                 |  |  |  |  |  |  |  |  |  |  |
|                                                                                      |                                                                                      |  |  |  |  |  |  |  |  |                                                                                                 |  |  |  |  |  |  |  |  |  |  |
|                                                                                      |                                                                                      |  |  |  |  |  |  |  |  |                                                                                                 |  |  |  |  |  |  |  |  |  |  |
|  |                                                                                      |  |  |  |  |  |  |  |  | <br>1 mark |  |  |  |  |  |  |  |  |  |  |

## Key Stage 2 National Curriculum Tests - Practice Paper - Arithmetic

|   |                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |
|---|------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------------|--|--|--|--|
| 7 | $423 - 8 =$                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |
|   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |
|   |                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <input type="text"/> |  |  |  |  |
|   | 1 mark                                                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |

|   |                                                                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |
|---|--------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------------|--|--|--|--|
| 8 | $2.1 + 0.05 =$                                                                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |
|   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |
|   |                                                                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <input type="text"/> |  |  |  |  |
|   | 1 mark                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |

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|---|--------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------------|--|--|--|--|
| 9 | $4 \times 3 \times 7 =$                                                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |
|   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |
|   |                                                                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <input type="text"/> |  |  |  |  |
|   | 1 mark                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |

## Key Stage 2 National Curriculum Tests - Practice Paper - Arithmetic

10

$$\frac{4}{7} - \frac{2}{7} =$$

☐

1 mark

11

$$320 \div 8 =$$

☐

1 mark

12

$$1.71 \times 100 =$$

☐

1 mark

## Key Stage 2 National Curriculum Tests - Practice Paper - Arithmetic

13

$7^2 =$

☐

1 mark

14

$20,000 - 400 =$

☐

1 mark

15

$90 \times 100 =$

☐

1 mark

## Key Stage 2 National Curriculum Tests - Practice Paper - Arithmetic

16

$$540 \div 6 =$$

1 mark

17

$$20\% \text{ of } 1,900 =$$

1 mark

18

$$2.21 \times 3 =$$

1 mark



## Key Stage 2 National Curriculum Tests - Practice Paper - Arithmetic

19

$$\frac{2}{5} + \frac{1}{5} =$$

1 mark

20

$$5,436 + 7,233 =$$

1 mark

21

$$5,555 \div 5 =$$

1 mark

## Key Stage 2 National Curriculum Tests - Practice Paper - Arithmetic

|    |               |                               |
|----|---------------|-------------------------------|
| 22 | $11 - 9.04 =$ | <div></div> <div>1 mark</div> |
|    |               |                               |
|    |               |                               |
|    |               |                               |
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|    |               |                               |
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|    |                                                          |                                |
|----|----------------------------------------------------------|--------------------------------|
| 23 | $\begin{array}{r} 39 \\ \times 27 \\ \hline \end{array}$ | <div></div> <div>2 marks</div> |
|    |                                                          |                                |
|    |                                                          |                                |
|    |                                                          |                                |
|    |                                                          |                                |
|    |                                                          |                                |
|    |                                                          |                                |
|    |                                                          |                                |
|    |                                                          |                                |
|    |                                                          |                                |

Show your method

|    |                 |                               |
|----|-----------------|-------------------------------|
| 24 | $13.5 - 4.28 =$ | <div></div> <div>1 mark</div> |
|    |                 |                               |
|    |                 |                               |
|    |                 |                               |
|    |                 |                               |
|    |                 |                               |
|    |                 |                               |
|    |                 |                               |
|    |                 |                               |
|    |                 |                               |

## Key Stage 2 National Curriculum Tests - Practice Paper - Arithmetic

25

$$14 \overline{) 1,932}$$

Show  
your  
method

2 marks

26

$$\frac{1}{5} \times \frac{1}{3} =$$

1 mark

27

$$85\% \text{ of } 380 =$$

1 mark

## Key Stage 2 National Curriculum Tests - Practice Paper - Arithmetic

28

$$765,234 - 76,549 =$$

1 mark

29

$$\begin{array}{r} \times 262 \\ 36 \\ \hline \end{array}$$

Show  
your  
method

2 marks

30

$$11 \times 1\frac{1}{2} =$$

1 mark

## Key Stage 2 National Curriculum Tests - Practice Paper - Arithmetic

31

$$25 - 3 \times 4 =$$

1 mark

32

$$\frac{2}{12} \div 2 =$$

1 mark

33

$$2\frac{1}{8} - \frac{1}{4} =$$

1 mark

## Key Stage 2 National Curriculum Tests - Practice Paper - Arithmetic

34

$$42 \overline{) 2,352}$$

Show  
your  
method

2 marks

35

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

1 mark

36

$$\frac{4}{6} \div 2$$

1 mark