

Key Stage 2

Year 6 Mathematics

PiXL Paper A

1: Arithmetic

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

out of 40 marks

[This page is intentionally blank]



Instructions

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.

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.



$898 + 10 =$

2

$$1,976 - 1,000 =$$

3

$$36 \times 3 =$$



$$327 + 462 =$$

A 20x10 grid is shown. A rectangle is drawn on the right side of the grid, spanning 5 units wide and 3 units high. The rectangle is positioned such that its bottom-left corner is at the intersection of the 15th vertical line and the 7th horizontal line from the top. The rectangle's top-right corner is at the intersection of the 20th vertical line and the 10th horizontal line from the top.

$$5,943 + 213 =$$

$$\boxed{} = 1,002 - 10$$

[illegible]

7

$$463 \times 2 =$$

1 mark

8

$$56 \div 7 =$$

1 mark

9

$$\frac{7}{8} - \frac{2}{8} =$$

1 mark



10

$$\boxed{} = 26 \div 10$$

1 mark

11

$$\frac{4}{5} + \frac{3}{5} =$$

1 mark

12

$$1,896 \div 6 =$$

1 mark



13

$$40,000 - 750 =$$

A large rectangular grid consisting of 20 columns and 10 rows of squares, intended for drawing a picture.

1 mark

14

$$9,865 - 937 =$$

1 mark

15

$$2^2 + 5^2 =$$

A 10x10 grid with a 4x2 rectangle highlighted in the bottom right corner.

1 mark



16

$$\boxed{} = 720 \times 10$$

 1 mark

17

$$36 - 5.25 =$$

 1 mark

18

$$6,832 \div 4 =$$

 1 mark


19

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

 1 mark

20

$$6.23 \times 9 =$$

 1 mark

21

$$7,829 + 3,984 =$$

 1 mark


036000291452

22

$$34.23 - 12.9 =$$

A large rectangular grid consisting of 20 columns and 10 rows of squares, intended for drawing a picture.

1 mark

23

Show
your
method.

	6	2
x	3	4

[illegible]

2 marks

24

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

[illegible]

1 mark



25

[illegible]

1 mark

26

$15.43 - 9.928 =$

1 mark

27

[illegible]

1 mark



28

Show
your
method.

				2	8	1	4	5	6										

2 marks

29

Show
your
method.

2 marks

30

$$5^3 =$$

1 mark



31

Show
your
method.

					5	2	2	4	9	6									

2 marks

32

$$(8 + 24) \times 9 =$$

1 mark

33

$$\frac{3}{4} \div 6 =$$

1 mark



34

$$\frac{1}{4} \times \frac{2}{3} =$$

 1 mark

35

$$3789 \times 9 =$$

 1 mark

36

$$(6 \times 8) + 4^2$$

 1 mark


[END OF TEST]

