

# Arithmetic tests

## Year 5

### Autumn Term

#### Guidance

These arithmetic tests produced by the Primary Maths Team include ten short 10 question arithmetic tests with answers. Please be advised that these tests are designed to assess Year 5 skills that pupils should have secured this term or earlier in KS2. Therefore, the focus is predominantly on place value, number and fractions. An arithmetic tracker is also included so that schools can track progress. It is recommended that any gaps identified through using these tests are addressed as soon as possible.



Commissioned by The PiXL Club Ltd. 2017

This resource is strictly for the use of member schools for as long as they remain members of The PiXL Club. It may not be copied, sold nor transferred to a third party or used by the school after membership ceases. Until such time it may be freely used within the member school.

All opinions and contributions are those of the authors. The contents of this resource are not connected with nor endorsed by any other company, organisation or institution.

# Test 1

# 1

$$1295 - 556 =$$

A 10x10 grid is shown. A rectangle is highlighted in the bottom right corner, spanning 4 units in width and 2 units in height. The rectangle is located in the bottom right corner of the grid, with its bottom-left corner at the intersection of the 7th column and 8th row from the left, and its top-right corner at the intersection of the 10th column and 10th row from the left.

---

1 mark

## 2

$36 \times 4 =$

A 10x10 grid is shown. A rectangle is highlighted in the bottom right corner, spanning 4 units in width and 2 units in height. The rectangle is located in the bottom right corner of the grid, with its bottom-left corner at the intersection of the 7th column and 8th row from the left, and its top-right corner at the intersection of the 10th column and 10th row from the left.

---

1 mark

3

$$3.3 + 5.8 =$$

A 10x10 grid is shown. A rectangle is drawn in the bottom right corner, spanning 4 units wide and 2 units high. The rectangle is defined by the grid lines at columns 6 to 10 and rows 8 to 9.

---

1 mark

4

$$47,573 + 10,000 =$$

A 10x10 grid is shown. A rectangle is drawn on the grid, starting from the 7th column and 5th row, and extending to the 11th column and 7th row. The rectangle is 4 units wide and 2 units high.

---

1 mark

5

$$-4 + 6$$

A 10x10 grid is shown. A rectangle is highlighted in the bottom right corner, spanning 4 units in width and 2 units in height. The grid lines are thin and gray, while the rectangle's border is thicker and black.

---

1 mark

# Test 1

6

$$28 \div 7 =$$

A 10x10 grid is shown. A rectangle is highlighted in the bottom right corner, spanning 4 units wide and 2 units high. The rectangle is located in the bottom right corner of the grid, with its top-left corner at the intersection of the 7th column and 8th row from the left, and its bottom-right corner at the intersection of the 10th column and 10th row from the left.

---

1 mark

7

$$10,686 - 500 =$$

A 10x10 grid of squares. A rectangle is highlighted in the bottom right corner, spanning 4 columns and 2 rows. The rectangle is defined by a thick black border. It occupies the area from column 7 to column 10 and row 8 to row 9 (assuming the top-left square is (0,0)).

---

1 mark

8

$$9,375 - 2152 =$$

A 10x10 grid is shown. A rectangle is highlighted in the bottom right corner, spanning 4 units wide and 2 units high. The rectangle is located in the bottom right corner of the grid, with its bottom-left corner at the intersection of the 7th column and 8th row from the left, and its top-right corner at the intersection of the 10th column and 10th row from the left.

---

1 mark

9

$$57 \times 10 =$$

A 10x10 grid is shown. A rectangle is highlighted in the bottom right corner, spanning 4 columns and 2 rows. The rectangle is defined by the intersection of the 7th and 11th vertical lines and the 9th and 11th horizontal lines.

---

1 mark

10

ten more than 1,792

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

---

1 mark