

## Section 1

Write these Roman Numerals as numbers.

CCL →

CMLXV →

## Section 2

Write 3 square numbers in this way:

$$2 \times 2 = 4$$

## Section 3

Calculate:

$$348 \times 14 = \text{  }$$

$$2316 \div 6 = \text{  }$$

## Section 4

Calculate:

$$\frac{1}{4} + \frac{3}{8} = \text{  }$$

$$\frac{2}{5} - \frac{1}{10} = \text{  }$$

## Section 6

A tin of baked beans weighs 510g. How much do eight tins weigh, in kilograms?

## Section 5

Write the following fractions as percentages:

$$\frac{7}{100} = \text{  }$$

$$\frac{77}{100} = \text{  }$$

$$\frac{23}{100} = \text{  }$$

## Section 7

Draw and label an obtuse angle and a reflex angle.

## Section 8

Here is a school timetable.

|            |       |
|------------|-------|
| Register   | 08:50 |
| Assembly   | 09:00 |
| Lesson 1   | 09:25 |
| Break      | 10:25 |
| Lesson 2   | 10:40 |
| Lunch      | 12:00 |
| Lesson 3   | 12:50 |
| Lesson 4   | 14:00 |
| End of day | 15:15 |

How long is the school day?

How long are all the lessons when added up together?

## Maths Activity Mat: 5

### Answers

#### Section 1

Write these Roman Numerals as numbers.

CCL → **250**

CMLXV → **965**

#### Section 2

Write 3 square numbers in this way:

$$2 \times 2 = 4$$

Various answers. E.g.

$$3 \times 3 = 9, 4 \times 4 = 16, 5 \times 5 = 25$$

#### Section 3

Calculate:

$$348 \times 14 = \mathbf{4872}$$

$$2316 \div 6 = \mathbf{386}$$

#### Section 4

Calculate:

$$\frac{1}{4} + \frac{3}{8} = \mathbf{\frac{5}{8}}$$

$$\frac{2}{5} - \frac{1}{10} = \mathbf{\frac{3}{10}}$$

#### Section 6

A tin of baked beans weighs 510g. How much do eight tins weigh, in kilograms?

**4.08 kg**

#### Section 5

Write the following fractions as percentages:

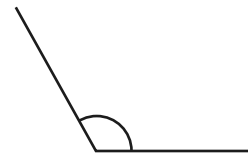
$$\frac{7}{100} = \mathbf{7\%}$$

$$\frac{77}{100} = \mathbf{77\%}$$

$$\frac{23}{100} = \mathbf{23\%}$$

#### Section 7

Draw and label an obtuse angle and a reflex angle.



**obtuse**



**reflex**

#### Section 8

Here is a school timetable.

|            |       |
|------------|-------|
| Register   | 08:50 |
| Assembly   | 09:00 |
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| Lesson 2   | 10:40 |
| Lunch      | 12:00 |
| Lesson 3   | 12:50 |
| Lesson 4   | 14:00 |
| End of day | 15:15 |

How long is the school day?

**6 hours 25 minutes**

How long are all the lessons when added up together?

**4 hours 45 minutes**