

# Year 6 Maths Activity Mat

## Section 1

Order the following numbers from smallest to largest:

37 377, 33 773, 33 373, 37 737

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smallest largest

## Section 5

Calculate:

$0.2 \times 10 =$

$0.9 \times 10 =$

$0.4 \times 10 =$

## Section 7

Write a description of a cube.

.....

.....

.....

## Section 2

Here are some estimated answers to some calculations. Tick the reasonable estimates.

$214 \times 6 \approx 1200$

$4535 + 3892 \approx 7000$

$448 \div 5 \approx 90$

## Section 4

Simplify the following fractions:

$\frac{2}{8} =$

$\frac{3}{6} =$

## Section 6

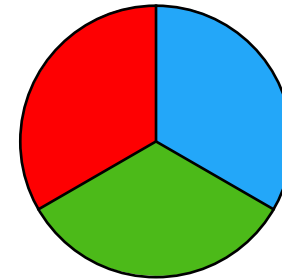
Convert the following:

$1 \text{ kg} =$    $\text{ g}$

$\text{ kg} = 2000\text{g}$

## Section 8

Some children research children's favourite colour. They show the results in a pie chart.



30 children were asked about their favourite colour. How many children chose each colour?

red =  green =  blue =

## Section 3

A baker makes 25 cakes. He sells them in boxes of 4 cakes. How many boxes can he fill from the 25 cakes?

## Year 6 Maths Activity Mat: 1

### Answers

#### Section 1

Order the following numbers from smallest to largest:

37 377, 33 773, 33 373, 37 737

33 373	33 773	37 377	37 737
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smallest

largest

#### Section 5

Calculate:

$0.2 \times 10 = 2$

$0.9 \times 10 = 9$

$0.4 \times 10 = 4$

#### Section 7

Write a description of a cube.

**A cube has 6 faces, all squares. One square is at the base of the shape and one square at the top, parallel to and in line with the base. The four other squares are perpendicular to the base and top, with each square meeting one edge of the top and bottom squares.**

#### Section 2

Here are some estimated answers to some calculations. Tick the reasonable estimates.

$214 \times 6 \approx 1200$  ✓

$4535 + 3892 \approx 7000$

$448 \div 5 \approx 90$  ✓

#### Section 4

Simplify the following fractions:

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

$\frac{3}{6} = \frac{1}{2}$

#### Section 6

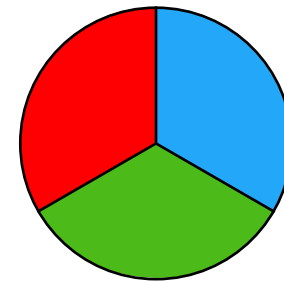
Convert the following:

$1 \text{ kg} = 1000 \text{ g}$

$2 \text{ kg} = 2000 \text{ g}$

#### Section 8

Some children research children's favourite colour. They show the results in a pie chart.



30 children were asked about their favourite colour. How many children chose each colour?

$\text{red} = 10$

$\text{green} = 10$

$\text{blue} = 10$

#### Section 3

A baker makes 25 cakes. He sells them in boxes of 4 cakes. How many boxes can he fill from the 25 cakes?

6 boxes