

# Year 6 Maths Activity Mat

## Section 1

Order the following numbers from smallest to largest:

373 377, 377 773, 373 737, 377 737

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smallest largest

## Section 5

Calculate:

$0.5 \times 100 =$

$0.2 \times 100 =$

$0.7 \times 100 =$

## Section 7

Write a description of a cuboid.

.....

.....

.....

## Section 2

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

$782 \times 11 \approx 8000$

$34\,582 + 56\,722 \approx 80\,000$

$357 \div 8 \approx 45$

Explain why any estimates are unreasonable.

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.....

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## Section 4

Simplify the following fractions:

$\frac{9}{12} =$

$\frac{10}{25} =$

## Section 6

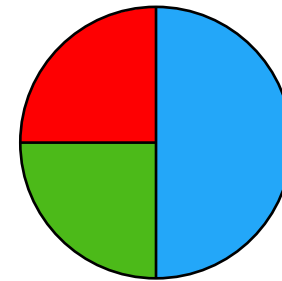
Convert the following:

$0.4\text{kg} =$   g

kg = 1700g

## Section 8

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



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

red =  green =  blue =

## Section 3

A baker makes 187 buns. He packs them in boxes of 6 buns. How many boxes can he fill from 187 buns?

## Year 6 Maths Activity Mat: 1

### Answers

#### Section 1

Order the following numbers from smallest to largest:

**373 377, 377 773, 373 737, 377 737**

<b>373 377</b>	<b>373 737</b>	<b>377 737</b>	<b>377 773</b>
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smallest

largest

#### Section 5

Calculate:

$$0.5 \times 100 = \boxed{50}$$

$$0.2 \times 100 = \boxed{20}$$

$$0.7 \times 100 = \boxed{70}$$

#### Section 7

Write a description of a cuboid.

**A cuboid has 6 faces, all rectangles. Pairs of rectangles are the same, although in some cuboids, more than one pair can be the same. One rectangle is at the base of the shape and the same rectangle is at the top, parallel to and in line with the base. The four other rectangles are perpendicular to the base and top, with each meeting one edge of the top and bottom rectangles.**

#### Section 2

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

$$782 \times 11 \approx 8000 \quad \checkmark$$

$$34\,582 + 56\,722 \approx 80\,000$$

$$357 \div 8 \approx 45 \quad \checkmark$$

Explain why any estimates are unreasonable.

**$34 + 56 = 90$  so  $34\,582 + 56\,722 \approx 90\,000$  is a much more reasonable estimate.**

#### Section 4

Simplify the following fractions:

$$\frac{9}{12} = \boxed{\frac{3}{4}}$$

$$\frac{10}{25} = \boxed{\frac{2}{5}}$$

#### Section 6

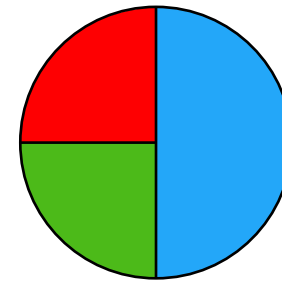
Convert the following:

$$0.4\text{kg} = \boxed{400\text{g}}$$

$$\boxed{1.7\text{kg}} = 1700\text{g}$$

#### Section 8

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



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

$$\text{red} = \boxed{8}$$

$$\text{green} = \boxed{8}$$

$$\text{blue} = \boxed{16}$$

#### Section 3

A baker makes 187 buns. He packs them in boxes of 6 buns. How many boxes can he fill from 187 buns?

**31 boxes**