

# Year 6 Spring 1 Maths Activity Mat 1

## Section 1

Order the following numbers from smallest to largest:

49 944    44 949    49 494    44 499    49 449

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smallest

largest

## Section 4

Simplify the following fractions:

$$\frac{2}{6} = \frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}}$$

$$\frac{4}{8} = \frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}}$$

## Section 5

Calculate:

$$0.3 \times 10 = \boxed{\phantom{000}}$$

$$0.6 \times 10 = \boxed{\phantom{000}}$$

$$0.5 \times 10 = \boxed{\phantom{000}}$$

## Section 6

Convert the following:

$$1\text{kg} = \boxed{\phantom{000}}\text{g}$$

$$\boxed{\phantom{000}}\text{kg} = 2000\text{g}$$

## Section 2

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

<input type="checkbox"/>	$324 \times 5 \approx 1600$
<input type="checkbox"/>	$5069 + 2962 \approx 7000$
<input type="checkbox"/>	$818 \div 4 \approx 200$

## Section 3

A farmer picks 97 apples. He sells them in boxes of 12. How many boxes can he fill from the 97 apples?

## Section 7

Write a description of a cylinder.

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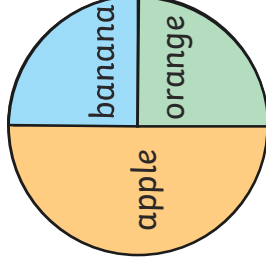
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## Section 8

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



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

Apple , Banana , Orange

# Year 6 Spring 1 Maths Activity Mat 1

## Section 1

Order the following numbers from smallest to largest:

494 944   494 494   449 494   449 944   494 499

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smallest

largest

## Section 4

Simplify the following fractions:

$$\frac{3}{12} = \frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}}$$

$$\frac{6}{12} = \frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}}$$

## Section 5

Calculate:

$$0.2 \times 100 = \boxed{\phantom{000}}$$

$$0.8 \times 100 = \boxed{\phantom{000}}$$

$$0.3 \times 100 = \boxed{\phantom{000}}$$

## Section 6

Convert the following:

$$0.4\text{kg} = \boxed{\phantom{000}}\text{g}$$

$$\boxed{\phantom{000}}\text{kg} = 1700\text{g}$$

## Section 2

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

$$\boxed{\phantom{000}} \quad 647 \times 12 \approx 8000$$

$$\boxed{\phantom{000}} \quad 35\,819 - 26\,756 \approx 9000$$

$$\boxed{\phantom{000}} \quad 357 \div 6 \approx 50$$

Explain why any estimates are unreasonable.

## Section 3

A farmer picks 237 apples. He packs them in boxes of 15 apples. How many boxes can he fill from 237 apples?

## Section 7

Write a description of a square-based pyramid.

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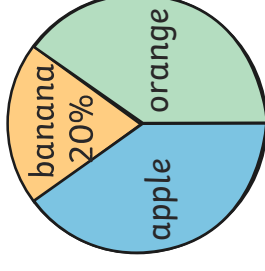
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## Section 8

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



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

Apple , Banana , Orange

# Year 6 Spring 1 Maths Activity Mat 1

## Section 1

Order the following numbers from smallest to largest:

494 449   449 949   494 949   449 499   494 944

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smallest

largest

## Section 4

Simplify the following fractions:

$$\frac{6}{30} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

$$\frac{24}{32} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

## Section 5

Calculate:

$$0.9 \times 100 = \boxed{\phantom{00}}$$

$$0.3 \times 1000 = \boxed{\phantom{00}}$$

$$0.7 \times 1100 = \boxed{\phantom{00}}$$

## Section 6

Convert the following:

$$2\text{g} = \boxed{\phantom{00}}\text{kg}$$

$$\boxed{\phantom{00}}\text{g} = 0.45\text{kg}$$

## Section 2

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

$$\boxed{\phantom{00}} \quad 351 \times 22 \approx 7000$$

$$\boxed{\phantom{00}} \quad 7\,902\,814 - 4\,206\,394 \approx 3\,700\,000$$

$$\boxed{\phantom{00}} \quad 8024 \div 40 \approx 200$$

Explain your answers.

## Section 3

A farmer picks 428 apples. He packs them in boxes of 15 apples. How many more apples are needed to fill 30 boxes?

## Section 7

Write a description of a tetrahedron.

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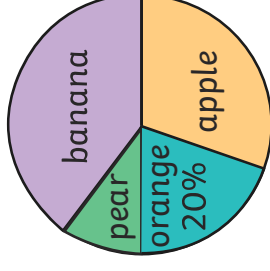
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## Section 8

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



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

Apple	<input type="text"/>	Pear	<input type="text"/>
Banana	<input type="text"/>	Orange	<input type="text"/>