Year 6 Summer 2 Maths Activity Mat 1

Section 1

Order the following numbers from smallest to largest:

414 144, 414 414, 411 141, 411 114

smallest   largest

Section 2

Calculate:

0.6 x 10 =

0.7 x 100 =

0.3 x 100 =

Section 3

Write a description of a square prism.

....

....

....

Section 4

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

452 × 14 ≈ 5000

74 298 + 14 823 ≈ 90 000

623 ÷ 7 ≈ 90

Explain why any estimates are unreasonable.

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....

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Section 5

Simplify the following fractions

$\frac{3}{12}$ =

$\frac{15}{25}$ =

Section 6

Convert the following:
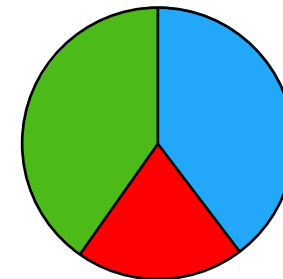
0.7 kg =   g

          kg = 3600g

Section 7

A grocer sells potatoes in bags of 750g. How many bags can be filled from 6.75kg of potatoes?

Section 8

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

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

red =   green =   blue =

Section 1

Order the following numbers from smallest to largest:

414 144, 414 414, 411 141, 411 114

411 114	411 141	414 144	414 414

smallest   largest

Section 2

Calculate:

0.6 x 10 = **6**

0.7 x 100 = **70**

0.3 x 100 = **30**

Section 3

Write a description of a square prism.

A cuboid has 6 rectangular faces. Opposite 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 4

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

452 × 14 ≈ 5000

74 298 + 14 823 ≈ 90 000 ✔

623 ÷ 7 ≈ 90 ✔

Explain why any estimates are unreasonable.

6000 or 6300 are more reasonable

Section 5

Simplify the following fractions

$\frac{3}{12}$ = **$\frac{1}{4}$**

$\frac{15}{25}$ = **$\frac{3}{5}$**

Section 6

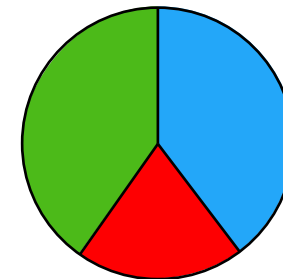Convert the following:

0.7 kg = **700** g

3.6 kg = 3600g

Section 7

A grocer sells potatoes in bags of 750g. How many bags can be filled from 6.75kg of potatoes?

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Section 8

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

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

red = **8**   green = **16**   blue = **16**