

Year 6 Summer 2 Maths Activity Mat 1

Section 1

Order the following numbers from smallest to largest: one hundred and fourteen thousand, four hundred and fourteen; one hundred and forty-one thousand, one hundred and eleven; one hundred and fourteen thousand, one hundred and forty-four; one hundred and eleven thousand, four hundred and fourteen.

--	--	--	--

smallest largest

Section 2

Calculate:

$0.2 \times 100 =$

$0.9 \times 1000 =$

$0.6 \times 1100 =$

Section 3

Write a description of a hexagonal prism.

.....

.....

.....

Section 4

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

$825 \times 16 \approx 13\ 000$

$4\ 982\ 451 + 3\ 254\ 119 \approx 8\ 000\ 000$

$6027 \div 12 \approx 50$

Explain why any estimates are unreasonable.

.....

Section 5

Simplify the following fractions

$\frac{24}{30} =$

$\frac{32}{48} =$

Section 6

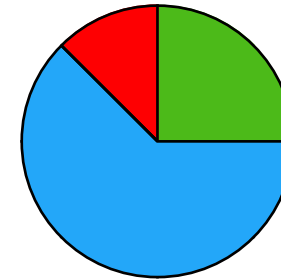
Convert the following:

$12\text{g} =$ kg

kg = 640g

Section 8

Some children research their classmates' 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 7

A grocer sells potatoes in bags of 500g and 750g. How could the grocer use 13.75kg of potatoes to fill some bags of potatoes, so there are an equal number of bags of each weight?

Section 1

Order the following numbers from smallest to largest: one hundred and fourteen thousand, four hundred and fourteen; one hundred and forty-one thousand, one hundred and eleven; one hundred and fourteen thousand, one hundred and forty-four; one hundred and eleven thousand, four hundred and fourteen.

111 414	114 144	114 414	141 111
---------	---------	---------	---------

smallest

Section 2

Calculate:

$0.2 \times 100 = 20$

$0.9 \times 1000 = 900$

$0.6 \times 1100 = 660$

Section 3

Write a description of a hexagonal prism.

A hexagonal prism has 8 faces: 2 hexagonal (with 6 sides) faces at either end. The other 6 faces are all identical rectangles, which are perpendicular and join the hexagonal faces.

Section 4

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

$825 \times 16 \approx 13\ 000$ ✓

$4\ 982\ 451 + 3\ 254\ 119 \approx 8\ 000\ 000$ ✓

$6027 \div 12 \approx 50$

Explain why any estimates are unreasonable.

500 is more reasonable

Section 5

Simplify the following fractions

$\frac{24}{30} = \frac{4}{5}$

$\frac{32}{48} = \frac{2}{3}$

Section 6

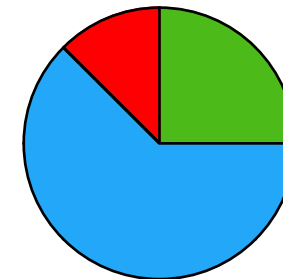
Convert the following:

$12\text{g} = 0.012\text{kg}$

$0.64\text{ kg} = 640\text{g}$

Section 8

Some children research their classmates' 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 = 4 green = 8 blue = 20

Section 7

A grocer sells potatoes in bags of 500g and 750g. How could the grocer use 13.75kg of potatoes to fill some bags of potatoes, so there are an equal number of bags of each weight?

**11 bags of 750g = 8.25kg,
11 bags of 500g = 5.5kg**