Ashmount Primary School

Maths Skills Book
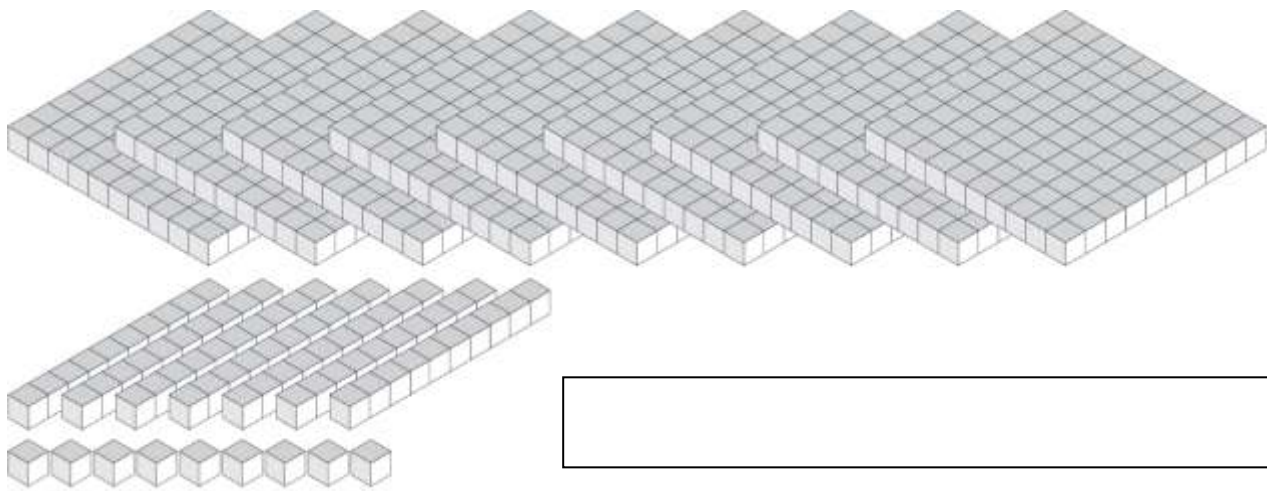
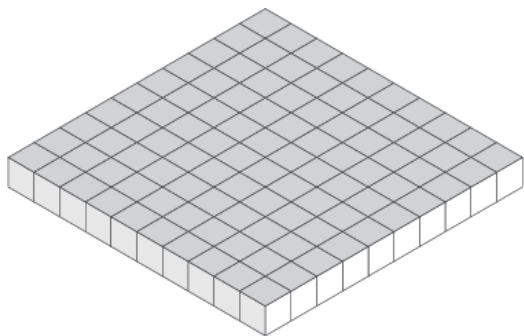# Part 3

Put these numbers in order from the smallest to the largest

1042	673	491	782	226	89	505	02

48	829	892	63	909	271	990	21

Write the number these blocks are representing.

Multiplying and dividing by 10 you need to remember:

When you multiply by 10 numbers move one column to the left.

When you divide by 10 numbers move one column to the right.

	Hundreds	Tens	Units
Number		3	7
X 10	3	7	0
Number	1	4	0
÷ 10		1	4

⟵

⟶

Work out the answers to these number sentences. Draw out the hundreds tens and unit columns to help you if you need.

41 x 10 =

67 x 10 =

98 x 10 =

21 x 10 =

18 x 10 =

640 ÷ 10 =

720 ÷ 10 =

990 ÷ 10 =

120 ÷ 10 =

810 ÷ 10 =

Challenge

Can you try multiplying and dividing by 100? How many columns will you have to move this time?

56 x 100 =

24 x 100 =

11 x 100 =

7800 ÷ 100 =

4600 ÷ 100 =

200 ÷ 100 =

Well Done!

Rounding numbers:

Remember when rounding numbers to 10:

- if the unit number is 5 6 7 8 9 then round to the next 10
- if the unit number is 1 2 3 4 then round to the previous 10

Round these numbers to the nearest TEN:

67 _____

82 _____

231 _____

785 _____

379 _____

Round these numbers to the nearest 100:

Remember when rounding numbers to 100:

- if the TENS number is 5 6 7 8 9 then round to the next 100
- if the TENS number is 1 2 3 4 then round to the previous 100

440 _____

260 _____

880 _____

510 _____

350 _____

Challenge

Write all the numbers that can be rounded to 70 to the nearest 10.

Write all the numbers that can be rounded to 420 to the nearest 10.

Well Done!

Negative numbers

Some children at Ashmount have been recording the temperature each month. Below is a table of their results and a picture of the thermometer they used (they only look at the Celsius side).

Month	Temperature
January	-10°
February	-14°
March	10°
April	18°
May	16°
June	22°
July	28°
August	26°
September	12°
October	-1°
November	-18°
December	-24°

Put the months in order from coldest to hottest (just first 3 letters if you haven't got space e.g. Jan.)

Coldest   Hottest

How much colder was December than November?

How much hotter was September than October?

<u>Number Patterns.</u>

Complete these number sequences. Remember to think about what the rule is for example – add 2 each time!

1)   3, 4, 5, 6, 7, 8, __ , __ , __
What is the rule?

2)   14, 16, 18, 20, 22, __ , __ , __
What is the rule?

3)   5, 10, 15, 20, 25, __ , __ , __
What is the rule?

4)   80, 70, 60, 50, 40, __ , __ , __
What is the rule?

5)   16, 26, 36, 46, 56, __ , __ , __
What is the rule?

6)   88, 86, 84, 82, __ , __ , __
What is the rule?

7)   1, 11, 21, 31, 41, 51, 61, __ , __ , __
What is the rule?

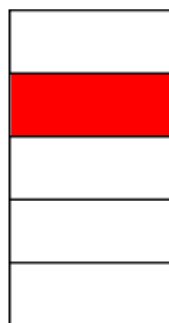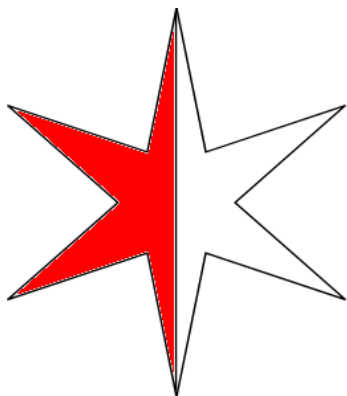8)   99, 89, 79, 69, 59, __ , __ , __
What is the rule?

9)   13, 18, 23, 28, 33, __ , __ , __
What is the rule?

10)   49, 47, 45, 43, 41, 39, __ , __ , __
What is the rule?
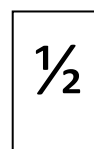
Well Done!

Write what fraction of the whole shape is shaded:

Shade in:

¼

½

1/3

¾

Well Done!
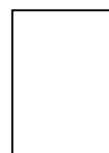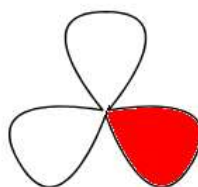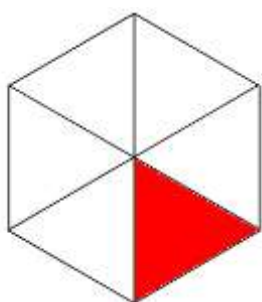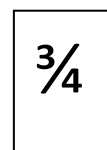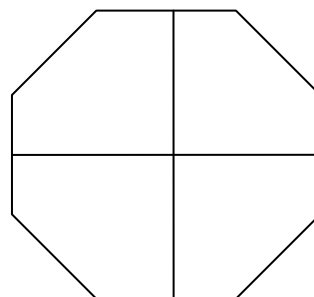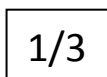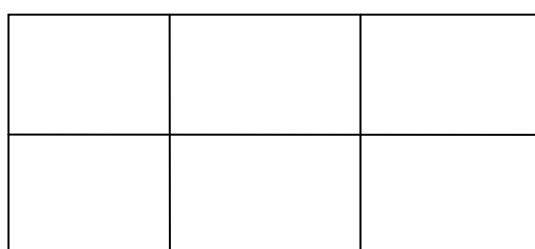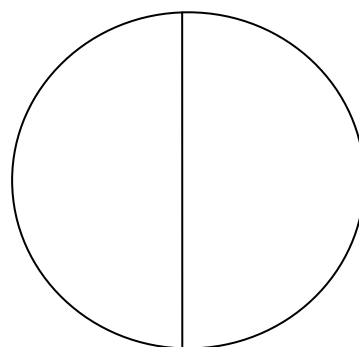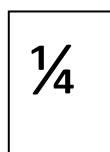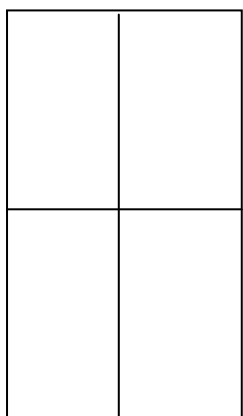
Fraction

Find ½ of this number of sweets:

Find ¼ of this number of apples:

Mr. Hines planted 18 bulbs. In the spring 1/3 of them grew into flowers. How many flowers grew?

Jacob had a pizza which he cut into 8 slices. He and his friends ate 6 slices. What fraction of the pizza did they eat?

At a party there were 20 biscuits. 1/5 of them were eaten. How many of them were eaten?

How many were left (write as a fraction and an amount)

Fractions

Circle the fractions that are the same as ½:

$\frac{2}{4}$ $\frac{4}{8}$ $\frac{2}{6}$ $\frac{3}{12}$ $\frac{5}{10}$ $\frac{7}{14}$

Write the numerator to make these fractions equal to ½

$\frac{}{12}$ $\frac{}{2}$ $\frac{}{10}$ $\frac{}{8}$ $\frac{}{6}$ $\frac{}{20}$

Match the fractions that are equivalent:

Challenge

$\frac{3}{4}$ $\frac{4}{8}$

$\frac{1}{2}$ $\frac{4}{12}$

$\frac{8}{16}$ $\frac{6}{8}$

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

Challenge

Circle the fractions that are the same as ¼:

$\frac{2}{8}$ $\frac{4}{16}$ $\frac{2}{6}$ $\frac{3}{12}$ $\frac{5}{10}$

Well Done!

Money and Decimals

Circle which purse has the most money in:

£3.42   £4.85   £2.12

Put these amounts of money into order from smallest to largest:

£8.92	£9.20	£2.90	£0.99	£1.01	£3.00

Write these amounts in pounds.

461p   £_____

890p   £_____

101p   £_____

21p   £_____

How would you write:

Five pounds and eleven pence   £_____

Three pounds three pence   £_____

Sixteen pounds forty pence   £_____

Well Done!