What is a fraction?

Fractions name parts of a whole.

$\frac{3}{5}$

We call the top number the **NUMERATOR**; it is the number of parts you have.

We call the bottom number the **DENOMINATOR**; it is the number of parts the whole is divided into.

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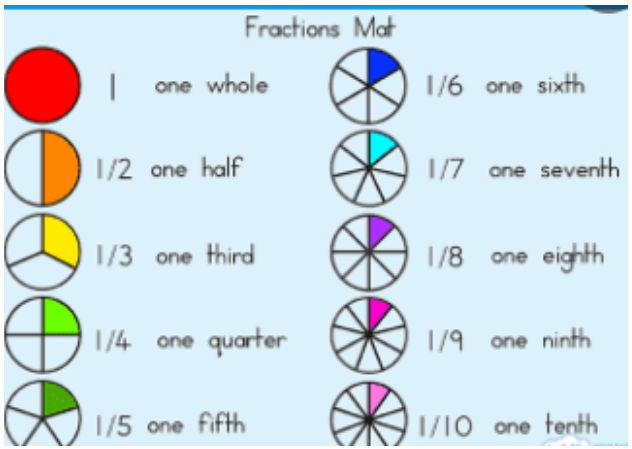
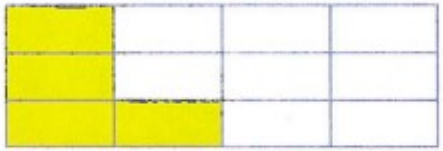
If the denominator is the same we work with the numerator.

$\frac{1}{5} + \frac{2}{5} = \frac{3}{5}$



Fractions of shapes



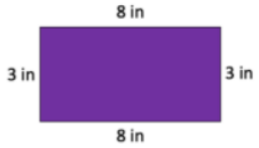
1/3 of this shape is shaded yellow. I know this because I know that 3 lots of 4 = 12 and this shape has been divided into 12 pieces.

** Times table facts are very helpful*

What's the time?

Perimeter

To find the perimeter using side measurements add up all the sides.



Add all the sides.

8+3+8+3= 22

The perimeter of this polygon is 22 inches.

1 min = 60 secs

60 mins = 1 hour

1 day = 24 hours

1 week = 7 days

1 year = 12 months (365 days)

10mm = 1cm

100cm = 1m

1000m = 1km

1000ml = 1l

1000g = 1 kg

Remember to check the back of your reading record for other numeracy information such as shape and angles.

Knowing your times table will also help you.

Addition

Columnar Addition

TH	H	T	O
	4	5	6
+	7	8	9
1	2	4	5
	1	1	

First add the ones (6+9 = 15) If they total over 10 remember to regroup in the tens.

Next step is to add the tens (50 + 80 =130 + 10

Finally add the 100s (400 + 700 = 1100 + 100 that was regrouped = 1200

Subtraction

⇒ Ensure digits are in the correct place value.

⇒ If you are unable to subtract the digits *borrow* from the left.

⇒ Always work from right to left.

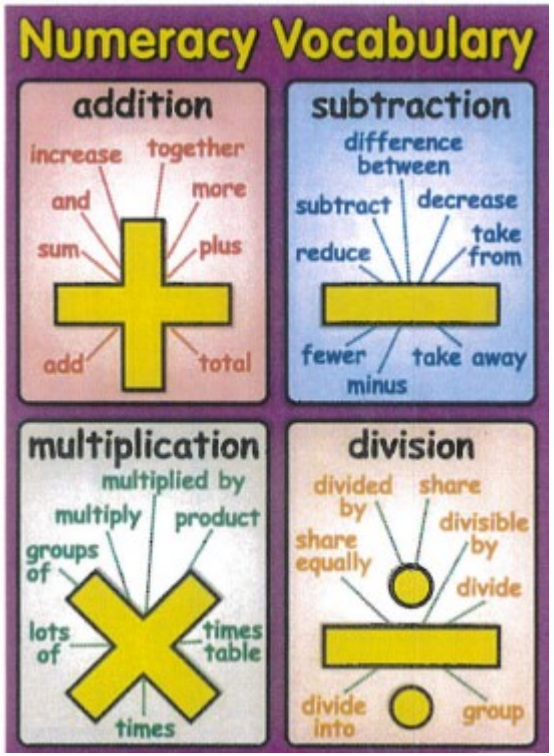
⇒

TH	H	T	O
3	7	~~8~~ 9	16
2	4	8	9
1	3	0	7

Starting at the ones 6-9 is not possible so we borrow from the tens so it becomes 16 -9.

*Remember to note that you have borrowed a ten.

Numeracy Vocabulary



Division

	1	7	4
3	5	2 2	12

522 ÷ 3 = 174

Remember you are dividing by the number on the outside of the bus stop. This is the only operation where you work from right to left.

First how many times does 3 go into 5. There is one lot of 3 in 5 and 2 remaining. Remember to regroup the remaining 2 into the next column.

Next how many 3's in 22. There are 7 lots of 3 in 21 and 1 remaining.

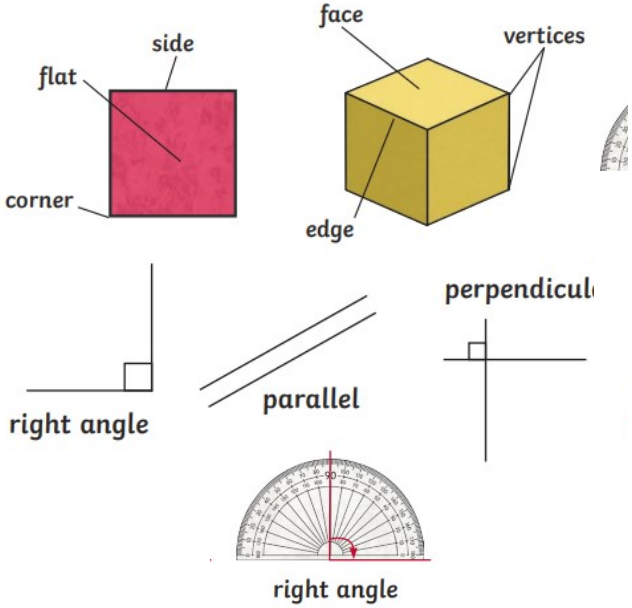
Multiplication

MULTIPLICATION (GRID)

15 x 5 =

X	10	5
5	*50*	*25*

50 + 25 = 75

REMEMBER TO CHECK YOUR ADDITION

ANGLES AND SHAPE