

What is a fraction?

Fractions name parts of a whole.

3
5

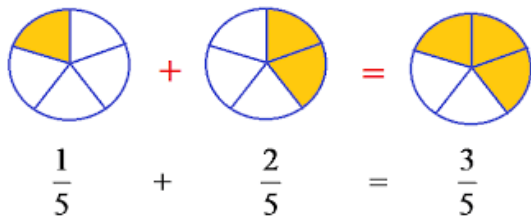
We call the top number the **NUMERATOR**; it is the number of parts you have.

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



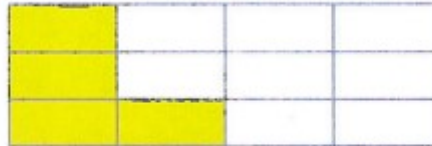
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If the denominator is the same we work with the numerator.



	one whole		1/6 one sixth
	1/2 one half		1/7 one seventh
	1/3 one third		1/8 one eighth
	1/4 one quarter		1/9 one ninth
	1/5 one fifth		1/10 one tenth

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

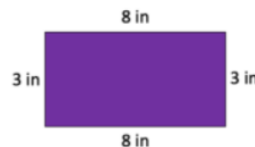
What's the time?



A.M. → Latin - ante meridiem = before noon
P.M. → Latin - post meridiem = after noon

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 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
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

<p>addition</p> <p>increase together and more sum plus add total</p>	<p>subtraction</p> <p>difference between subtract decrease take from reduce take away fewer minus</p>
<p>multiplication</p> <p>multiplied by multiply product groups of lots of times times table</p>	<p>division</p> <p>divided by share share equally divisible by divide divide into group</p>

× Multiplication

MULTIPLICATION (GRID)

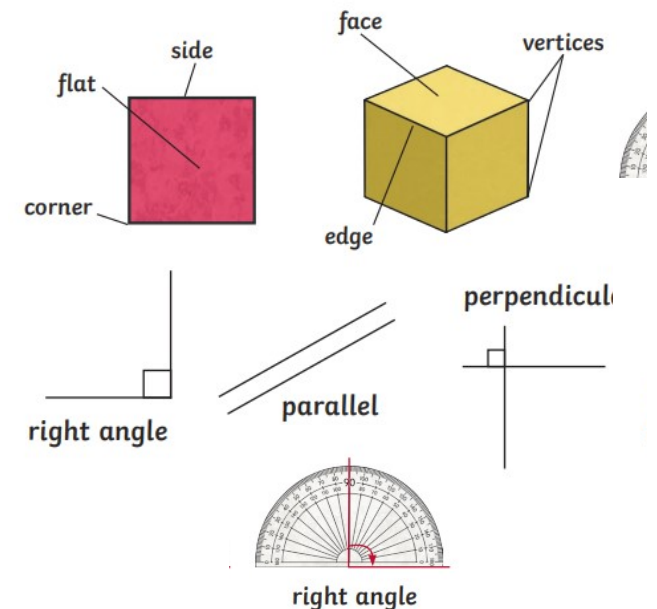
$15 \times 5 =$

X	10	5
5	50	25

$50 + 25 = 75$

REMEMBER TO CHECK YOUR ADDITION

ANGLES AND SHAPE



÷ Division

	1	7	4
3	5	2	2
			12

$522 \div 3 = 174$

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.