



Year Six
'Must Know'
Maths Facts!

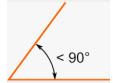
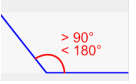
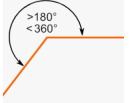

Long division

```

      543
24 | 13032
    -120
    ----
      103
      -96
      ----
         72
         -72
         ----
            00
  
```

1 - 24
2 - 48
3 - 72
4 - 96
5 - 120
6 - 144
7 - 168
8 - 192
9 - 216

Angles

- An angle less than 90° is **acute**. 
- An angle between 90° and 180° is **obtuse**. 
- An angle greater than 180° is **reflex**. 
- An angle of exactly 90° is a **right angle**. 
- Angles on a straight line = 180 degrees.
- Angles around a point = 360 degrees.

Multiplying

X 10 digits move LEFT 1 space
X 100 digits move LEFT 2 spaces
X 1000 digits move LEFT 3 spaces

←


Dividing

÷ 10 digits move RIGHT 1 space
÷ 100 digits move RIGHT 2 spaces
÷ 1000 digits move RIGHT 3 spaces

→

All Multiplication Tables and corresponding facts.

E.g. $12 \times 3 = 36$
 $36 \div 12 = 3$
 $? \times 12 = 36$



Key vocabulary

Regular= All sides and angles the same size.

Parallel= always keeping the same distance apart.

Perpendicular= at an angle of 90 degrees.

Product= the result of a multiplication

Sum= the addition of a sequence of numbers

Fractions	Decimals	Percentages
1 whole	1.0	100%
1/2	0.5	50%
1/4	0.25	25%
3/4	0.75	75%
1/10	0.1	10%
1/100	0.01	1%

BODMAS

Ordering Mathematical Operations

B	O	D	M	A	S
Brackets (...)	Orders \sqrt{x} x^2	Division ÷	Multiplication ×	Addition +	Subtraction -

SKILLS YOUNEED