## Year 5 \& 6 Maths information

This information is for you to support your child at home with simple facts they need to know to help them in maths.

## Number facts

Children should know the meaning of these terms:
Factors - Numbers that divide exactly into another number with no remainders (eg 6 has the factors: 1,2,3 and 6)
Prime number - a number that has exactly two factors -1 and itself. So
the smallest prime number is 2
Square numbers - created when a number is multiplied by itself (eg $3^{2}=3 \times 3=9$ )
Cube numbers - created when a number is multiplied together three times (eg $5^{3}=5 \times 5 \times 5=125$ )

## Written calculations

## Angles

Children should know that a protractor is used to measure angles
$360^{\circ}$ is one rotation
$90^{\circ}$ is a right angle
$180^{\circ}$ is sum of the angles in a triangle


## Multiplication facts

Children should know all multiplication facts with quick recall to $12 \times 12$ and the related division facts.
They should know that if:
$8 \times 7=56$, then $8 \times 70=560$ and $8 \times 0.7=5.6$

## Circles

Circumference - the distance around the outside Diameter - the distance across the circle, through the centre Radius - the distance from the centre to the circumference line

Fractions, decimals and percentages
Children should understand that percent means 'out of 100 '

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0.67=67 \%=\frac{67}{100}
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