

## YEAR 5 HOMEWORK- MATHS FACTS

**THESE ARE FACTS YOUR CHILD SHOULD KNOW OFF BY HEART – WITHOUT EVEN THINKING ABOUT THEM!**

**1. All tables facts up to 10x10**

**2. Number bonds to 100** e.g. if you say 23 they can answer 77 immediately

For decimals to 10 if you say 5.3 they answer 4.7

For decimals to 1 you say 0.67 they answer 0.33 and

To 1000 you say 650 they say 350

**3. All doubles up to 20** e.g. double 9 = 18 double 13 = 26

**4. All doubles of multiples of 5 under 200** e.g. double 15= 30, double 75 = 150,  
double 55 =110

**5. All halves under 50** e.g. half 34 = 17 half 16=8

**6. All square numbers under 100**

$$2 \times 2 = 4$$

$$6 \times 6 = 36$$

$$3 \times 3 = 9$$

$$7 \times 7 = 49$$

$$4 \times 4 = 16$$

$$8 \times 8 = 64$$

$$5 \times 5 = 25$$

$$9 \times 9 = 81$$

**7. Facts about angles**

A right angle is 90.

Angles in a triangle and on a straight line add up to 180.

Angles around a point add up to 360

## 8. Number of sides for polygons

Name of polygon	Number of sides
triangle	3
quadrilateral	4
pentagon	5
Hexagon	6
heptagon	7
octagon	8
nonagon	9
decagon	10

## 9. Fraction, decimal, percentage equivalents

25% = 0.25 =  $\frac{1}{4}$ , 50% = 0.5 =  $\frac{1}{2}$ , 75% = 0.75 =  $\frac{3}{4}$ ,

0.1 = 10% =  $\frac{1}{10}$ , 0.2 = 20% =  $\frac{1}{5}$ , 0.3 = 30% =  $\frac{3}{10}$ ,

0.4 = 40% =  $\frac{2}{5}$ , 0.5 = 50% =  $\frac{1}{2}$

## 10. Metric units of measure

1kg = 1000g

1litre = 1000ml

$\frac{1}{2}$  kg = 500g

1km = 1000m

$\frac{1}{4}$  kg = 250g

1m = 100cm

$\frac{3}{4}$  kg = 750g

1cm = 10mm