



Maths in Year 5

Counting and Times Tables

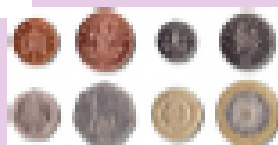
Your child should be able to count in 25s, 50s, 100s and 1000s and should already be able to recall times tables up to 12×12 .

Addition and Subtraction

In year 5 your child should be able to add and subtract numbers with more than four digits and apply this to problem-solving.

$$\begin{array}{r} \text{HTU} \\ 783 \\ + 42 \\ \hline 825 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \text{V1} \\ 503 \\ - 278 \\ \hline 226 \end{array}$$



They should also be able to add and subtract numbers mentally with increasingly large numbers, for example $12,462 - 2,300 = 10,162$

Multiplication and Division

Children in year 5 should be able to solve problems involving multiplication and division using a knowledge of factors and multiples, squares and cubes.

$$72 \times 38 =$$

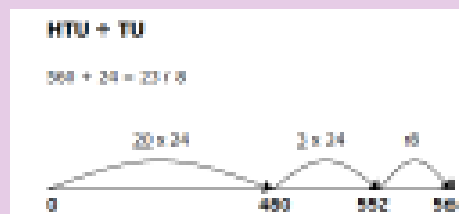
0	70	2	2100
30	2100	60	+ 560
0	500	30	+ 60
			<u>18</u>
			<u>2738</u>

Moving on to...

30×8	38
$\begin{array}{r} \times 7 \\ 56 \\ 210 \\ \hline 266 \end{array}$	$\begin{array}{r} \times 2 \\ 56 \\ 210 \\ \hline 266 \end{array}$
$(8 \times 7 = 56)$	$(30 \times 7 = 210)$



1st



2nd

$$138 \div 6 =$$

$$6 \overline{) 238}$$

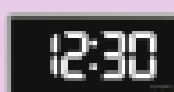
Read, write and compare numbers up to 1,000,000

Count backwards with negative and positive numbers through zero.



Maths in Year 5

Tell the time



Perimeter

The **perimeter** is the total distance around the outside of a 2D shape.



You calculate the perimeter of a 2D shape by adding together all the lengths of the shape.

length

$$A = L \times W$$

area

width

Converts between units (e.g. kilometre to metre; hour to minute).



Fractions

Reads, writes, orders and compares numbers with up to three decimal places:

0.15 0.35 0.66 0.98 1.25

Compares and orders fractions whose denominators are all multiples of the same number:

$$\frac{1}{4}$$

$$\frac{2}{4}$$



3/4

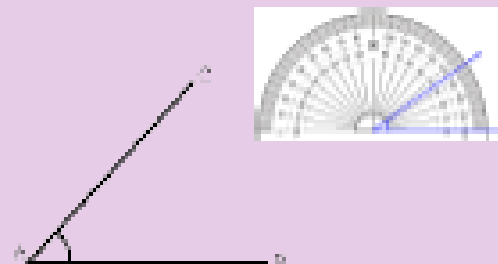
Reads and writes decimal numbers as fractions:

$$0.71 = 71/100$$

Completes, reads and interprets information in tables, including timetables.



Draw angles and measure them.



Regular and Irregular Polygons

Name	Regular	Irregular
Triangle		
Quadrilateral		
Pentagon		
Hexagon		
Octagon		

Distinguishes between regular and irregular polygons based on reasoning about equal sides and angles.

Marvellous Maths!

Why not use some of these activities as a starting point for Marvellous Maths Home Learning?