



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.

$$\begin{array}{r} \text{HTU} \\ 783 \\ + 42 \\ \hline 825 \\ 1 \end{array}$$

$$\begin{array}{r} 9 \\ \cancel{1} \ 1 \\ 503 \\ - 278 \\ \hline 226 \end{array}$$

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.

$72 \times 38 =$

x	70	2	2100
30	2100	60	2160
8	560	16	2736

Moving on to...

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



1st

HTU \div TU

$560 \div 24 = 23 \text{ r } 8$

2nd

$138 \div 6 =$

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

Count backwards with negative and positive numbers through zero.



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**

Fractions

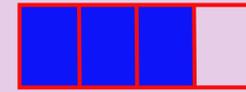
Reads, writes, orders and compares numbers with up to three decimal places:

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:

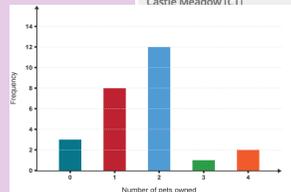
$$0.71 = 71/100$$

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

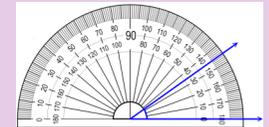
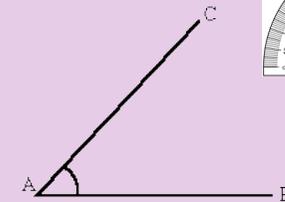


Completes, reads and interprets information in tables, including timetables.

Heartsease, Sale Road	0623	0653	0713	0735	0747	0800	0815
Plumstead Road, The Heartsease	0630	0700	0723	0745	0757	0812	0827
Rail Station, Wensum House	0636	0706	0731	0753	0808	0823	0838
Castle Meadow (CT)	0640	0710	0736	0758	0813	0828	0843
	0643	0713	0741	0803	0817	0832	0847
	0648	0718	0748	0810	0824	0839	0854



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?