



Maths in Year 4!

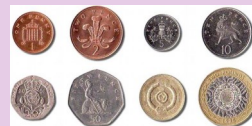
Counting and Times Tables

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

Addition and Subtraction

In year 4, your child should be able to solve two-step addition and subtraction problems.

$$\begin{array}{r}
 \text{HTU} \\
 267 \\
 + 85 \\
 \hline
 12 \text{ (7 + 5) Ones (Units)} \\
 140 \text{ (60 + 80) Tens} \\
 \hline
 200 \text{ Hundreds} \\
 \hline
 352
 \end{array}$$



563 - 241, no adjustment or decomposition needed.

Expanded method	leading to
500 + 60 + 3	563
- 200 + 40 + 1	- 241
300 + 20 + 2	322

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

I have £2.65 and my best friend has £1.45. We went to a shop and bought a bag of sweets for £1.99. How much money did we have left between us?

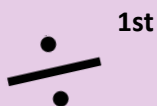
Multiplication and Division

Children in year 4 should be able to use their multiplication and division facts for the multiplication tables up to 12x12.

x	20	3	160
8	160	24	+ 24
			<u>184</u>

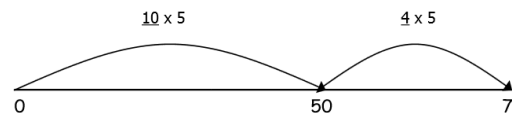
Moving on to...

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 x 7 = 56)	(30 x 7 = 210)



$$70 \div 5 = 14$$

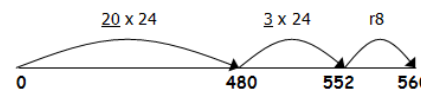
Moving onto chunking on a numberline. Relate to the inverse of multiplication. Ask, how many 5s in 70? 10 lots of 5, 4 lots of 5. How many lots of 5 altogether? 14.



2nd

$$\text{HTU} \div \text{TU}$$

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



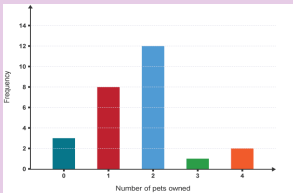
Round numbers to the nearest 10, 100 and 1000.

Count backwards through zero to include negative numbers.

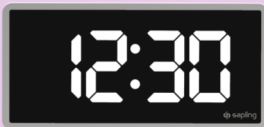


Type of Pet	Tally	Frequency
Dog		12
Cat		7
Goldfish		6
Budgie		3
Hamster		2

Solves comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.



Tell the time



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

Marvellous Maths!

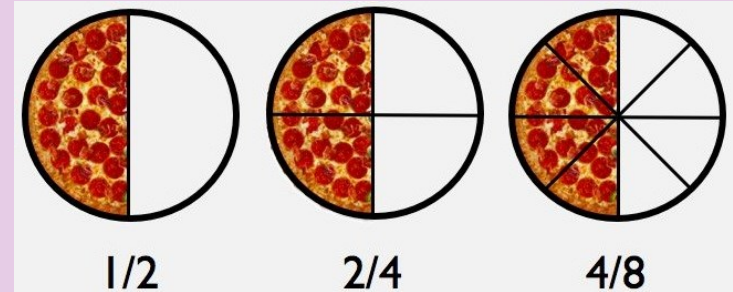
Fractions

Count in hundredths and recognise that hundredths arise when dividing an object by 100 and dividing tenths by 10.



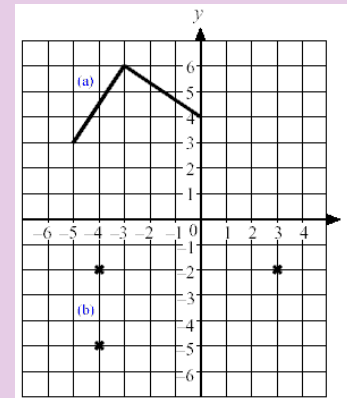
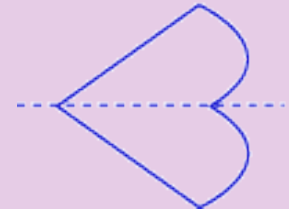
Rounds decimals with one decimal place to the nearest whole number.

Recognise equivalent fractions

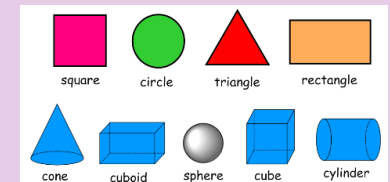


Converts between units (e.g. kilometre to metre; hour to minute).

Identifies lines of symmetry in 2D shapes presented in different ways.



Compares and classifies geometric shapes, based on their properties and sizes.



Plots specified points and draws sides to complete a polygon.