

Supporting Maths at home in your Year 6

Times table practice

Could you please encourage your child to practise their times tables up to 12x12 regularly at home.

'Hit the Button' has proved a popular resource so far this year. This can be downloaded as an app onto I pads or accessed via desktops, laptops and other tablets.

<http://www.topmarks.co.uk/maths-games/hit-the-button>

Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Units/Ones	Decimal (,)	Tenths	Hundredths	Thousandths
					3	2	5				
			1	5	6	3	7	.	0	4	2

Useful websites:

Our school website has some how to do maths videos.

<http://www.bbc.co.uk/education>

Problem solving and reasoning

We place huge importance on developing pupils' problem solving and reasoning skills. It would be fantastic if you could set your child problems that require more than one mathematical step to solve them. Help them build their confidence and resilience in solving problems. Support them in reading problems and understanding what the maths involves. Later in the year, we'll be showing you resources to support your child further with this key learning.

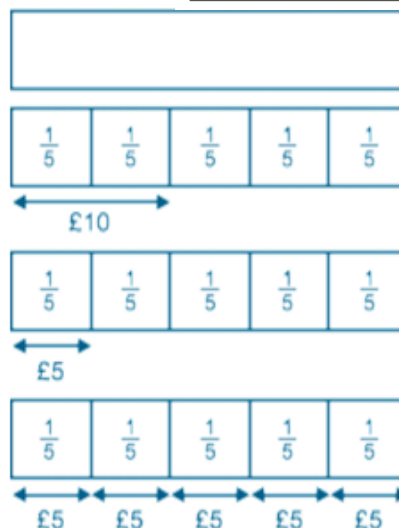
A typical SATs problem:

Ben spent $\frac{2}{5}$ of his money on a CD. The CD cost £10. How much money did he have at first?

Encourage your child to think about what they know first of all. Use the 'bar model' (shown here) to visualise the problem.

Here, the 'bar' is Ben's money. We split it into 5 equal parts to represent the fifths. Two of the bars ($\frac{2}{5}$) must represent the £10 he's spent. If two bars equal £10, what does one bar represent? **£5**

To answer **how much he had originally**, we need to add up the total number of bars ($5 \times £5 = £25$)



Fractions	Decimals	Percentages
$\frac{1}{2}$	0.5	50 %
$\frac{1}{4}$	0.25	25 %
$\frac{1}{3}$	0.33	33.3 %
$\frac{3}{4}$	0.75	75 %
$\frac{1}{10}$	0.1	10 %
$\frac{2}{3}$	0.66	66.6 %
$\frac{1}{5}$	0.2	20 %

