Year 6   Spring 1

Number Sense Focus

Finding fractions of an amount

By the end of this half term, children should know how to find fractions of amounts quickly and efficiently.

The aim is for them to recall these facts with speed and accuracy. Below is an example of the types of questions the children are practising daily in our number sense sessions.

$\frac{1}{2}$ of 130		$= \frac{1}{4}$ of 40	
	$= \frac{1}{10}$ of 200	$\frac{1}{2}$ of 70 =	
$\frac{1}{4}$ x 8800 =		$\frac{1}{2}$ x 14 =	
$\frac{2}{10}$ of 300 =		$\frac{3}{4}$ x 120 =	
	$= \frac{1}{2}$ of 480	$\frac{3}{10}$ x 100 =	

$\frac{1}{3}$ of 120		$= \frac{1}{5}$ of 50	
	$= \frac{5}{6}$ of 60	$\frac{2}{8}$ of 64 =	
$\frac{1}{4}$ x 400 =		$\frac{1}{5}$ x 40 =	
$\frac{2}{10}$ of 30 =		$\frac{3}{4}$ x 60 =	
	$= \frac{2}{10}$ of 180	$\frac{3}{10}$ x 200=	

Useful links:

https://www.youtube.com/watch?v=TXJOIs7vXMs&ab

https://www.topmarks.co.uk/Flash.aspx?f=bingofractionsofamountsv3

https://mathsframe.co.uk/en/resources/resource/264/Crystal-crash-fractions-numbers

Scan the QR code below to watch a video of finding fractions of amounts.

Key vocabulary

unit fraction
non-unit fraction
numerator
denominator
factor
product

Practical resources and ideas

Find simple fractions of amounts (halves, thirds, quarters, fifths) of amounts of money when out shopping in the supermarket. Challenge your child to find the percentage equivalent to the question given – recapping our previous