Key Instant Recall Facts

Year 6 Spring 1

We believe that the rapid recall of key facts underpins the success and progress of all in maths. Children will be introduced to their key facts at the beginning of each half term and then practise them regularly in class. Children will also be expected to practise these key facts at home.

The key fact this half term is
To know common decimal, fraction and percentage equivalents

Key Facts

$1/2 = 0.5 = 50\%$

$1/4 = 0.25 = 25\%$

$3/4 = 0.75 = 75\%$

$1/10 = 0.1 = 10\%$

$1/5 = 0.2 = 20\%$

$3/5 = 0.6 = 60\%$

$9/10 = 0.9 = 90\%$

$1/100 = 0.01 = 1\%$

$7/100 = 0.07 = 7\%$

$21/100 = 0.21 = 21\%$

$75/100 = 0.75 = 75\%$

$99/100 = 0.99 = 99\%$

Key Vocabulary

How many **tenths** is 0.8?

How many **hundredths** is 0.12?

Write 0.75 as a **fraction**?

Write ¼ as a **decimal**?

Fraction - any part of a group or a number or a whole

Decimal—Decimal numbers are those that are smaller than a unit and are written after a **decimal** point.

Percentage— is a fraction expressed out of 100 and followed by %

MAKE IT FUN

Play games - make some cards of equivalent fractions, decimals and percentages. Use these to play a memory game or snap. A printable set of cards can be found at https://www.skillsworkshop.org/sites/skillsworkshop.org/files/resources/n2/l1l2n2happyfamiliesdecfractpercent.pdf

https://nrich.maths.org/1249

https://nrich.maths.org/6945

MAKE IT LINK

https://www.mathsisfun.com/decimal-fraction-percentage.html

https://mathsframe.co.uk/en/resources/resource/120/match_fracti

Fractions Decimals Percents (claritymaths.uk)

DEEPEN IT

In his first geography test, Mo scored 38%. In the next test he scored 16/40.

Did Mo improve his score? Explain your answer.

In January, Eva saves 3/5 of her £20 pocket money. In February, she saves 0.4 of her £10 pocket money. In March, she saves 45% of her £40 pocket money.

Which month did Eva save the most money? Estimate your answer using your knowledge of fractions, decimals and percentages. Explain why you have chosen that month.

Hamstel Junior School
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