Key Instant Recall Facts

Year 6 – Spring 1

I know common decimals, fractions and percentage equivalences.

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **instantly**.

½ = 0.5 = 50%

¼ = 0.25 = 25%

¾ = 0.75 = 75%

1/10 = 0.1 = 10%

3/10 = 0.3 = 30%

1/5 = 0.2 = 20%

3/5 = 0.6 = 60%

1/100= 0.01 = 1%

Etc…

Key Vocabulary

Write 0.75 as a fraction.

Write ¼ as a decimal.

What is ¾ as a percentage?

Children should be able to convert between decimals, fractions and percentages for ½, ¼, ¾ and any number of tenths and hundredths.

Top Tips

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You do not need to practise them all at once; perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.

It is very important that your child uses mathematical vocabulary accurately. They must use language such as height, length, base, width and radius when recalling the appropriate formulae.

Key Instant Recall Facts

Year 6 – Spring 2

I can identify prime numbers up to 50.

By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

A prime number is a number with no factors other than one and itself.

The following numbers are **prime numbers**:

2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43 and 47.

Key Vocabulary

Prime number

Composite number

factor

multiple

A composite number is divisible by a number other than one and itself.

The following numbers are composite numbers:

4, 6, 8, 9, 10, 12, 14, 15, 16, 18, 20, 22, 24, 25, 26, 27, 28, 30, 32, 34, 35, 36, 38, 40, 42, 44, 45, 46, 48, 49 and 50

Children should be able to explain how they know that a number is composite. E.g. 39 is a composite because it is a multiple of 3 and 13.

Top Tips

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It is very important that your child uses mathematical vocabulary accurately. They must use language such as height, length, base, width and radius when recalling the appropriate formulae.