

Key Instant Recall Facts

I can recall square numbers up to 144 and their square roots.

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

<p>A square number is a number multiplied by itself:</p> $1 \times 1 = 1$ $2 \times 2 = 4$ $3 \times 3 = 9$ $4 \times 4 = 16$ $5 \times 5 = 25$ $6 \times 6 = 36$ $7 \times 7 = 49$ $8 \times 8 = 64$ $9 \times 9 = 81$ $10 \times 10 = 100$ $11 \times 11 = 121$ $12 \times 12 = 144$	<p>These facts are related to the square roots:</p> $\sqrt{1} = 1$ $\sqrt{4} = 2$ $\sqrt{9} = 3$ $\sqrt{16} = 4$ $\sqrt{25} = 5$ $\sqrt{36} = 6$ $\sqrt{49} = 7$ $\sqrt{64} = 8$ $\sqrt{81} = 9$ $\sqrt{100} = 10$ $\sqrt{121} = 11$ $\sqrt{144} = 12$
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Top Tip

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 don't need to practise them all at once: perhaps you could have a fact of the day.

Key Instant Recall Facts

I can identify prime numbers up to 20.

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

<p>A prime number is a number with no factors other than itself and one.</p> <p>The following numbers are prime numbers:</p> <p>2, 3, 5, 7, 11, 13, 17, 19</p> <p>A composite number is divisible by a number other than 1 and itself.</p> <p>The following numbers are composite numbers:</p> <p>4, 6, 8, 9, 10, 12, 14, 15, 16, 18, 20</p>	<p><u>Key Vocabulary</u></p> <p>Prime number Composite number Factor Multiple</p>
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Children should be able to explain how they know that a number is composite. E.g. 15 is composite because it is a multiple of 3 and 5.

Top Tips

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It's really important that your child uses mathematical vocabulary accurately. Choose a