

Key Instant Recall Facts

Year Five – Spring 2

I can find factor pairs of a number.

By the end of this half term, children should know the factor pairs of numbers in the times tables instantly.

<p>Children should now know all multiplication and division facts up to 12×12.</p> <p>When given a number in one of these times tables, they should be able to state a factor pair which multiply to make this number.</p> <p>Below are some examples:</p> <p>$24 = 4 \times 6$ $42 = 6 \times 7$ $24 = 8 \times 3$ $25 = 5 \times 5$ $56 = 7 \times 8$ $84 = 7 \times 12$ $54 = 9 \times 6$ $15 = 5 \times 3$</p> <p>Choose other numbers from the times tables.</p> <p>Can your child find some factor pairs? Repeat!</p>	<p><u>Key vocabulary</u></p> <p>Can you find a factor of 28? Find two numbers whose product is 20.</p> <p>I know that 6 is a factor of 72 because 6 multiplied by 12 equals 72.</p>
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Children should be able to explain how they know that a number is a common factor. E.g. 8 is a common factor of 24 and 56 because $24 = 8 \times 3$ and $56 = 8 \times 7$.

Top Tips

The secret to success and putting these in your long term memory is working hard. To help do this, practise little and often. You don't need to practise them all at once: perhaps you could start with one particular fact and ensure they know all of them before moving onto another. Work on three facts a day, as it breaks up the memorising.

Play games - There is an activity at <http://www.conkermaths.org/cmweb.nsf/products/conkerkirfs.html> to practise finding factor pairs. Think of the question – One player thinks of a times table question (e.g. 4×12) and states the answer. The other player has to guess the original question. <https://www.topmarks.co.uk/maths-games/7-11-years/multiplication-and-division> - lots of games here Choose two numbers between 1 and 144. Take it in turns to name factor pairs. Who can find the most?

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

