**To count in 6s.**

**To know the multiplication and division facts for the 6 times table. (up to 12x6)**

By the end of this half term, children should know the factor pairs of numbers in the times tables. The aim is for them to recall these facts fairly instantly.

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| --- | --- | --- | --- |
| **Count in 6s**  0  6  12  18  24  30  36  42  48  54  60  66  72 | 0 x 6 = 0  1 x 6 = 6  2 x 6 = 12  3 x 6 = 18  4 x 6 = 24  5 x 6 = 30  6 x 6 = 36  7 x 6 = 42  8 x 6 = 48  9 x 6 = 54  10 x 6 = 60  11 x 6 = 66  12 x 6 = 72 | 0 ÷ 6 = 0  6 ÷ 6 = 1  12 ÷ 6 = 2  18 ÷ 6 = 3  24 ÷ 6 = 4  30 ÷ 6 = 5  36 ÷ 6 = 6  42 ÷ 6 = 7  48 ÷ 6 = 8  54 ÷ 6 = 9  60 ÷ 6 = 10  66 ÷ 6 = 11  72 ÷ 6 = 12 | **Key vocabulary**    What is 4 times 6?    What is 8 multiplied by 6?  What is 24 divided by 6?  What is 48 shared between 6?  What is 72 divided into groups of 6? |
| They should be able to answer these questions in any order, including missing number questions, e.g. 6 x ⃝ = 54 or ⃝ ÷ 6 = 7 | | | |

**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 don’t need to practise them all at once: perhaps you could have a fact of the day. Buy one get three free – If your child knows one fact (e.g. 12 × 6 = 72), can they tell you the other three facts in the same fact family?

If you know 7 x 6 = 42, then what will 70 x 6 be?

Times Table Rockstars – Children all have their username and password to practice in the “Garage” and the “Arena”. They could try playing in the “Studio” and also do the Soundcheck.

Look for patterns – These times tables are full of patterns for your child to find. How many can they spot?

Use your three times table – Multiply a number by 3 and then double it. What do you notice? (e.g. 7 × 3 = 21, double it to get 7 x 6 which is 42).

<http://www.conkermaths.org/cmweb.nsf/products/conkerkirfs.html>

See how many questions you can answer in 90seconds.

<https://www.topmarks.co.uk/maths-games/daily10> and <https://www.topmarks.co.uk/maths-games/hit-thebutton>