

Multiplication and Division 3

L.O. To know multiplication and division facts (x6).

Quiz!

Complete the first three sections as quickly and accurately as you can reviewing your 3x table:

<https://www.timestables.co.uk/3-times-table.html>

GP

To help refresh our memories of the 6x table, first read the table to yourself, then read aloud and repeat.

6 times table

$1 \times 6 = 6$
 $2 \times 6 = 12$
 $3 \times 6 = 18$
 $4 \times 6 = 24$
 $5 \times 6 = 30$
 $6 \times 6 = 36$
 $7 \times 6 = 42$
 $8 \times 6 = 48$
 $9 \times 6 = 54$
 $10 \times 6 = 60$
 $11 \times 6 = 66$
 $12 \times 6 = 72$

3 times table

$1 \times 3 = 3$
 $2 \times 3 = 6$
 $3 \times 3 = 9$
 $4 \times 3 = 12$
 $5 \times 3 = 15$
 $6 \times 3 = 18$
 $7 \times 3 = 21$
 $8 \times 3 = 24$
 $9 \times 3 = 27$
 $10 \times 3 = 30$
 $11 \times 3 = 33$
 $12 \times 3 = 36$

DI

If you look at the 3x and 6x tables side-by-side (above), you will find the first half of the 6x in the 3x table (as double 3 is 6)! So, we can use our knowledge of the 3x table to help us with our 6x table.

It is also worth noting that every number in the 6x table is an even number (meaning it's a multiple of two) and the digits in the ones column repeat themselves in a pattern, as you can see below:

$$\begin{array}{r} 6 \times 1 = 6 \longrightarrow 6 \\ 6 \times 2 = 12 \quad 2 \\ 6 \times 3 = 18 \quad 8 \\ 6 \times 4 = 24 \quad 4 \\ 6 \times 5 = 30 \quad 0 \end{array} \downarrow$$

$$\begin{array}{r} 6 \times 6 = 36 \longrightarrow 6 \\ 6 \times 7 = 42 \quad 2 \\ 6 \times 8 = 48 \quad 8 \\ 6 \times 9 = 54 \quad 4 \\ 6 \times 10 = 60 \quad 0 \end{array} \downarrow$$

Go to the following website and work through the guided practice and independent practice questions, including the multiple-choice quiz at the end:

<https://www.timestables.co.uk/6-times-table.html>

IP

Once you've completed the multiple-choice questions, you can try the speed test:

<https://www.timestables.co.uk/speed-test/>