

Multiplication and division facts

Multiplication and division facts - Overview

This file randomly generates a four by four multiplication grid that can be used to rehearse the pupils' knowledge of multiplication and division facts.

How to use

The multiplication facts will be calculated automatically

Use the reset button to change the numbers above and to the left of the grid, they will be generated randomly and will be between 1 and 10

Click on the cells above and to the left of the grid to hide and reveal the numbers that are being multiplied

Click on the cells in the centre of the grid to reveal and hide their contents

x	7	1	1	2
10				
8				
9				
1				

set

Click on cells to hide and reveal contents

Key questions and prompts

- Reveal all of the numbers above and then reveal the numbers to the left of the grid one at a time completing the grid as you go to rehearse facts focussing on one multiplication table at a time.
- Reveal all of the numbers above and to the left of the grid and ask the pupils to choose facts to complete.
- Can we use this answer to help us with any others? How?
- Reveal some of the answers from within the grid and then some of the numbers around the edge so that pupils use their knowledge of division facts to complete the grid?
- If this cell contains 42 what numbers can go at the top of the grid? What numbers cannot go at the top of the grid?
- Reveal a random selection of the numbers and get pupils to use a range of multiplication and division facts to complete the grid.
- If I change this 7 to an 8, what will happen to the grid?
- What will be 10 more than this number? (before revealing an answer)