If you look at a times tables grid, there are 144 times tables facts.

We can reduce this by thinking of the following:

1) The 1 times table is easy.
2) The 10 times table is easy.
3) The 11 times table up to 10 is easy.
4) Multiplication is commutative: 6 x 7 and 7 x 6 are the same. There is no need to learn both as separate facts.

Now, there are only 47 facts to learn.

2 × 2	2 × 3	2 × 4	2 × 5	2 × 6	2 × 7	2 × 8	2 × 9
2 x 12	3 × 3	3 × 4	3 × 5	3 × 6	3 × 7	3 × 8	3 × 9
3 x 12	4 × 4	4 × 5	4 × 6	4 × 7	4 × 8	4 × 9	4 x 12
5 × 5	5 × 6	5 × 7	5 × 8	5 × 9	5 x 12	6 × 6	6 × 7
6 × 8	6 × 9	6 x 12	7 × 7	7 × 8	7 × 9	7 x 12	8 × 8
8 × 9	8 x 12	9 × 9	9 x 12	11 x 11	11 x 12	12 x 12	