

Times Tables Facts in the National Curriculum

1 × 1	2 × 1	<u>3 × 1</u>	<u>4 × 1</u>	5 × 1	7 × 1	7 × 1	<u>8 × 1</u>	9 × 1	10 × 1	11 × 1	12 × 1
1 × 2	2 × 2	<u>3 × 2</u>	<u>4 × 2</u>	5 × 2	6 × 2	7 × 2	<u>8 × 2</u>	9 × 2	10 × 2	11 × 2	12 × 2
1 × 3	2 × 3	3 × 3	4 × 3	<u>5 × 3</u>	6 × 3	7 × 3	8 × 3	9 × 3	<u>10 × 3</u>	11 × 3	12 × 3
1 × 4	2 × 4	3 × 4	4 × 4	<u>5 × 4</u>	6 × 4	7 × 4	8 × 4	9 × 4	<u>10 × 4</u>	11 × 4	12 × 4
1 × 5	2 × 5	3 × 5	4 × 5	5 × 5	6 × 5	7 × 5	<u>8 × 5</u>	9 × 5	10 × 5	11 × 5	12 × 5
1 × 6	2 × 6	3 × 6	4 × 6	5 × 6	6 × 6	7 × 6	8 × 6	9 × 6	10 × 6	11 × 6	12 × 6
1 × 7	2 × 7	3 × 7	4 × 7	5 × 7	6 × 7	7 × 7	8 × 7	9 × 7	10 × 7	11 × 7	12 × 7
1 × 8	2 × 8	3 × 8	4 × 8	5 × 8	6 × 8	7 × 8	8 × 8	9 × 8	<u>10 × 8</u>	11 × 8	12 × 8
1 × 9	2 × 9	3 × 9	4 × 9	5 × 9	6 × 9	7 × 9	8 × 9	9 × 9	10 × 9	11 × 9	12 × 9
1 × 10	2 × 10	3 × 10	4 × 10	5 × 10	6 × 10	7 × 10	8 × 10	9 × 10	10 × 10	11 × 10	12 × 10
1 × 11	2 × 11	3 × 11	4 × 11	5 × 11	6 × 11	7 × 11	8 × 11	9 × 11	10 × 11	11 × 11	12 × 11
1 × 12	2 × 12	3 × 12	4 × 12	5 × 12	6 × 12	7 × 12	8 × 12	9 × 12	10 × 12	11 × 12	12 × 12

Shaded boxes represent inverse facts that can be learnt using commutativity.

Due to the commutativity of multiplication, children need only learn 78 out of the 144 multiplication facts.

The grid shows how these 78 multiplication facts occur in the objectives of the national curriculum.

unshaded = multiplication from the year 1 and year 2 curriculum (×1, ×2, ×5 and ×10)

pink = multiplication facts from the year 3 curriculum (×3, ×4 and ×8)

Any underlined fact can link back to learning in KS1.

blue = multiplication facts from the year 4 curriculum (×6, ×7, ×9, ×11 and ×12)

By the end of year 4, children are expected to know all the times table facts up to 12 x 12 (and the related division facts).

