Skillswise

Times-tables grid

The times table (up to 10 × 10)

×	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

Patterns

Notice the patterns in the tables:

- The numbers in the section to the right of the diagonal (white squares) are the same as in the section to the left of the diagonal. Or, in other words, the numbers in the darker shaded section are repeated in the lighter shaded section.
- The 10 × table is just the 10s in order (10, 20, 30, 40 and so on).
- The 5 × times table has numbers ending in 5 and 0 alternately, while the first digit increases every 2 numbers.
- The 9 × table has the units decreasing by 1 and the 10s increasing by 1 each time (up to 10 × 9).
- The numbers in the 3 x table have the sum of their digits coming to 3, then 6, then 9. This pattern repeats throughout the table: eg 12: 1 + 2 = 3; 15: 1 + 5 = 6, 18: 1 + 8 = 9.