

Multiplication square, drawn to scale

Every box is as big as its answer. The box for 2×3 holds 6 little squares, the box for 9×8 holds 72. Count the little squares in a box if you don't believe it!

x	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

Two things to spot:

1. The boxes on the slanted line from 1 down to 100 are true squares: 1, 4, 9, 16, 25. That is why they are called square numbers.
2. The box for 3×8 and the box for 8×3 are the same box, turned on its side. So you only have to learn one of them.

