\Multiplication Quick Rules for 9

- your hands can help! Example: to multiply 9 by 8, hold your 8th finger down, and count "7" and "2", the answer is **72**
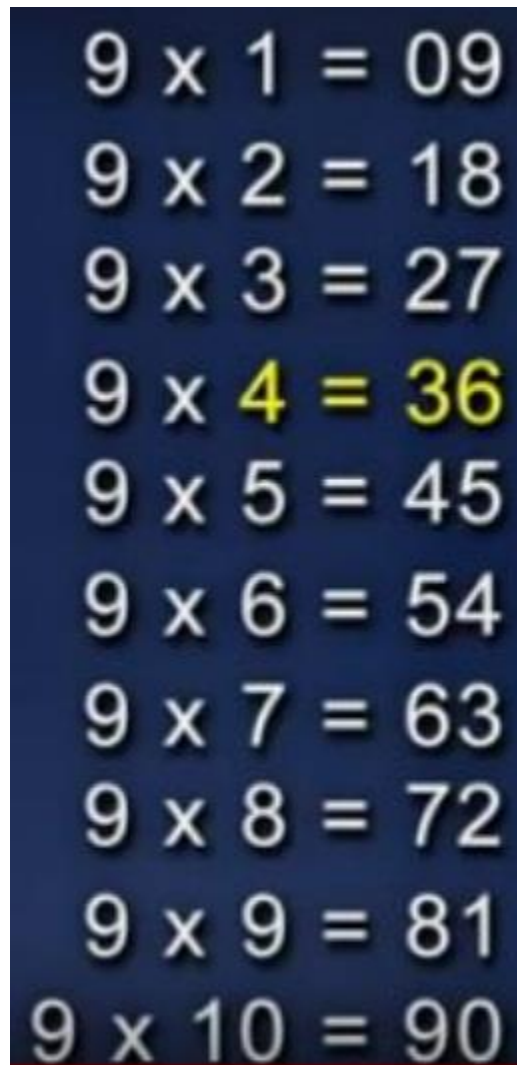
7   8   2

9 x 8 = 72

The two digits in the answer need to add up to 9

9 x 1 = 09	0 + 9 = 9
9 x 2 = 18	1 + 8 = 9
9 x 3 = 27	2 = 7 = 9
9 x 4 = 36	3 + 6 = 9
9 x 5 = 45	4 + 5 = 9
9 x 6 = 54	5 + 4 = 9
9 x 7 = 63	6 + 3 = 9
9 x 8 = 72	7 + 2 = 9
9 x 9 = 81	8 + 1 = 9
9 x 10 = 90	9 + 0 = 9

Check Your Work

The answer always starts with a number that is one less than the multiplicand

Since we know the two numbers need to add up to 9 we can use subtraction to get the answer

9 x 1 = 09
9 x 2 = 18
9 x 3 = 27
9 x 4 = 36
9 x 5 = 45
9 x 6 = 54
9 x 7 = 63
9 x 8 = 72
9 x 9 = 81
9 x 10 = 90