

Multiplication Table of 9

1. For each answer, color the FIRST digit in yellow and the SECOND digit in green.

$$\begin{array}{l} 1 \times 9 = 09 \\ 2 \times 9 = 18 \\ 3 \times 9 = 27 \\ 4 \times 9 = \underline{\quad} \\ 5 \times 9 = \underline{\quad} \\ 6 \times 9 = \underline{\quad} \\ 7 \times 9 = \underline{\quad} \\ 8 \times 9 = \underline{\quad} \\ 9 \times 9 = \underline{\quad} \\ 10 \times 9 = \underline{\quad} \\ 11 \times 9 = \underline{\quad} \\ 12 \times 9 = \underline{\quad} \end{array}$$

Then look at the line of yellow numbers, and the line of the blue numbers from top to bottom!

2. Another special thing in the table of nine: Add the DIGITS.

$$\begin{array}{ll} 1 \times 9 = 9 & 9 = 9 \\ 2 \times 9 = 18 & 1 + 8 = \\ 3 \times 9 = \underline{\quad} & 2 + 7 = \\ 4 \times 9 = \underline{\quad} & \underline{\quad} + \underline{\quad} = \\ 5 \times 9 = \underline{\quad} & \underline{\quad} + \underline{\quad} = \\ 6 \times 9 = \underline{\quad} & \underline{\quad} + \underline{\quad} = \\ 7 \times 9 = \underline{\quad} & \underline{\quad} + \underline{\quad} = \\ 8 \times 9 = \underline{\quad} & \underline{\quad} + \underline{\quad} = \\ 9 \times 9 = \underline{\quad} & \underline{\quad} + \underline{\quad} = \\ 10 \times 9 = \underline{\quad} & \underline{\quad} + \underline{\quad} = \\ 11 \times 9 = \underline{\quad} & 9 + 9 = 18; 1 + 8 = \\ 12 \times 9 = \underline{\quad} & 1 + 0 + 8 = \end{array}$$

What do you notice??

2. Fill the missing numbers - but only in your head (mentally). Do these over and over again.

$\square \times 9 = 54$

$\square \times 9 = 18$

$9 \times \square = 27$

$9 \times \square = 9$

$\square \times 9 = 27$

$\square \times 9 = 36$

$9 \times \square = 99$

$9 \times \square = 108$

$\square \times 9 = 63$

$\square \times 9 = 72$

$9 \times \square = 54$

$9 \times \square = 63$

$\square \times 9 = 99$

$\square \times 9 = 9$

$9 \times \square = 90$

$9 \times \square = 72$

$\square \times 9 = 90$

$\square \times 9 = 108$

$9 \times \square = 36$

$9 \times \square = 18$

3. Multiply mentally. Do NOT write the answers down. Go through these until you master them.

9×9

5×9

9×2

9×7

8×9

9×12

6×9

10×9

9×11

9×3

2×9

9×5

4×9

0×9

9×9

9×10

1×9

9×6

7×9

12×9

9×1

9×8

3×9

9×4