

# Multiplication Table of 9

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

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

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

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

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

What do you notice??

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

$$\begin{array}{cccc}
 \square \times 9 = 54 & \square \times 9 = 18 & 9 \times \square = 27 & 9 \times \square = 9 \\
 \square \times 9 = 27 & \square \times 9 = 36 & 9 \times \square = 99 & 9 \times \square = 108 \\
 \square \times 9 = 63 & \square \times 9 = 72 & 9 \times \square = 54 & 9 \times \square = 63 \\
 \square \times 9 = 99 & \square \times 9 = 9 & 9 \times \square = 90 & 9 \times \square = 72 \\
 \square \times 9 = 90 & \square \times 9 = 108 & 9 \times \square = 36 & 9 \times \square = 18
 \end{array}$$

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

$$\begin{array}{cccccc}
 9 \times 9 & 5 \times 9 & 9 \times 2 & 9 \times 7 & 8 \times 9 & 9 \times 12 \\
 6 \times 9 & 10 \times 9 & 9 \times 11 & 9 \times 3 & 2 \times 9 & 9 \times 5 \\
 4 \times 9 & 0 \times 9 & 9 \times 9 & 9 \times 10 & 1 \times 9 & 9 \times 6 \\
 7 \times 9 & 12 \times 9 & 9 \times 1 & 9 \times 8 & 3 \times 9 & 9 \times 4
 \end{array}$$