



Multiplication Drills (9s)

Name:

Solve each problem.

$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 6 & \times 3 & \times 8 & \times 2 & \times 9 & \times 5 & \times 4 & \times 10 & \times 1 & \times 7 \end{array}$$

$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 7 & \times 8 & \times 5 & \times 4 & \times 2 & \times 10 & \times 6 & \times 1 & \times 3 & \times 9 \end{array}$$

$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 5 & \times 9 & \times 10 & \times 4 & \times 8 & \times 6 & \times 1 & \times 7 & \times 2 & \times 3 \end{array}$$

$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 7 & \times 2 & \times 10 & \times 5 & \times 9 & \times 3 & \times 8 & \times 1 & \times 6 & \times 4 \end{array}$$

9 9 9 9 9 9 9 9 9 9
×7 ×6 ×5 ×4 ×8 ×10 ×1 ×2 ×3 ×9

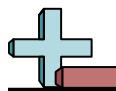


Multiplication Drills (9s)

Name: **Answer Key**

Solve each problem.

| | | | | | | | | | |
|-----------------------|-----------------------|-----------------------|----------------------|----------------------|-----------------------|----------------------|-----------------------|-----------------------|----------------------|
| $\frac{5}{\times 9}$ | $\frac{6}{\times 9}$ | $\frac{10}{\times 9}$ | $\frac{2}{\times 9}$ | $\frac{3}{\times 9}$ | $\frac{7}{\times 9}$ | $\frac{4}{\times 9}$ | $\frac{9}{\times 9}$ | $\frac{8}{\times 9}$ | $\frac{1}{\times 9}$ |
| $\frac{45}{54}$ | $\frac{54}{54}$ | $\frac{90}{90}$ | $\frac{18}{18}$ | $\frac{27}{27}$ | $\frac{63}{63}$ | $\frac{36}{36}$ | $\frac{81}{81}$ | $\frac{72}{72}$ | $\frac{9}{9}$ |
| $\frac{5}{\times 9}$ | $\frac{2}{\times 9}$ | $\frac{6}{\times 9}$ | $\frac{9}{\times 9}$ | $\frac{1}{\times 9}$ | $\frac{10}{\times 9}$ | $\frac{3}{\times 9}$ | $\frac{7}{\times 9}$ | $\frac{8}{\times 9}$ | $\frac{4}{\times 9}$ |
| $\frac{45}{18}$ | $\frac{18}{18}$ | $\frac{54}{54}$ | $\frac{81}{81}$ | $\frac{9}{9}$ | $\frac{90}{90}$ | $\frac{27}{27}$ | $\frac{63}{63}$ | $\frac{72}{72}$ | $\frac{36}{36}$ |
| $\frac{2}{\times 9}$ | $\frac{6}{\times 9}$ | $\frac{5}{\times 9}$ | $\frac{7}{\times 9}$ | $\frac{1}{\times 9}$ | $\frac{9}{\times 9}$ | $\frac{8}{\times 9}$ | $\frac{4}{\times 9}$ | $\frac{10}{\times 9}$ | $\frac{3}{\times 9}$ |
| $\frac{18}{54}$ | $\frac{54}{54}$ | $\frac{45}{45}$ | $\frac{63}{63}$ | $\frac{9}{9}$ | $\frac{81}{81}$ | $\frac{72}{72}$ | $\frac{36}{36}$ | $\frac{90}{90}$ | $\frac{27}{27}$ |
| $\frac{6}{\times 9}$ | $\frac{10}{\times 9}$ | $\frac{5}{\times 9}$ | $\frac{9}{\times 9}$ | $\frac{4}{\times 9}$ | $\frac{3}{\times 9}$ | $\frac{7}{\times 9}$ | $\frac{2}{\times 9}$ | $\frac{1}{\times 9}$ | $\frac{8}{\times 9}$ |
| $\frac{54}{90}$ | $\frac{90}{90}$ | $\frac{45}{45}$ | $\frac{81}{81}$ | $\frac{36}{36}$ | $\frac{27}{27}$ | $\frac{63}{63}$ | $\frac{18}{18}$ | $\frac{9}{9}$ | $\frac{72}{72}$ |
| $\frac{10}{\times 9}$ | $\frac{5}{\times 9}$ | $\frac{6}{\times 9}$ | $\frac{1}{\times 9}$ | $\frac{2}{\times 9}$ | $\frac{4}{\times 9}$ | $\frac{3}{\times 9}$ | $\frac{7}{\times 9}$ | $\frac{9}{\times 9}$ | $\frac{8}{\times 9}$ |
| $\frac{90}{45}$ | $\frac{45}{45}$ | $\frac{54}{54}$ | $\frac{9}{9}$ | $\frac{18}{18}$ | $\frac{36}{36}$ | $\frac{27}{27}$ | $\frac{63}{63}$ | $\frac{81}{81}$ | $\frac{72}{72}$ |
| $\frac{9}{\times 6}$ | $\frac{9}{\times 3}$ | $\frac{9}{\times 8}$ | $\frac{9}{\times 2}$ | $\frac{9}{\times 9}$ | $\frac{9}{\times 5}$ | $\frac{9}{\times 4}$ | $\frac{9}{\times 10}$ | $\frac{9}{\times 1}$ | $\frac{9}{\times 7}$ |
| $\frac{54}{27}$ | $\frac{27}{27}$ | $\frac{72}{72}$ | $\frac{18}{18}$ | $\frac{81}{81}$ | $\frac{45}{45}$ | $\frac{36}{36}$ | $\frac{90}{90}$ | $\frac{9}{9}$ | $\frac{63}{63}$ |
| $\frac{9}{\times 7}$ | $\frac{9}{\times 8}$ | $\frac{9}{\times 5}$ | $\frac{9}{\times 4}$ | $\frac{9}{\times 2}$ | $\frac{9}{\times 10}$ | $\frac{9}{\times 6}$ | $\frac{9}{\times 1}$ | $\frac{9}{\times 3}$ | $\frac{9}{\times 9}$ |
| $\frac{63}{72}$ | $\frac{72}{72}$ | $\frac{45}{45}$ | $\frac{36}{36}$ | $\frac{18}{18}$ | $\frac{90}{90}$ | $\frac{54}{54}$ | $\frac{9}{9}$ | $\frac{27}{27}$ | $\frac{81}{81}$ |
| $\frac{9}{\times 5}$ | $\frac{9}{\times 9}$ | $\frac{9}{\times 10}$ | $\frac{9}{\times 4}$ | $\frac{9}{\times 8}$ | $\frac{9}{\times 6}$ | $\frac{9}{\times 1}$ | $\frac{9}{\times 7}$ | $\frac{9}{\times 2}$ | $\frac{9}{\times 3}$ |
| $\frac{45}{81}$ | $\frac{81}{81}$ | $\frac{90}{90}$ | $\frac{36}{36}$ | $\frac{72}{72}$ | $\frac{54}{54}$ | $\frac{9}{9}$ | $\frac{63}{63}$ | $\frac{18}{18}$ | $\frac{27}{27}$ |
| $\frac{9}{\times 7}$ | $\frac{9}{\times 2}$ | $\frac{9}{\times 10}$ | $\frac{9}{\times 5}$ | $\frac{9}{\times 9}$ | $\frac{9}{\times 3}$ | $\frac{9}{\times 8}$ | $\frac{9}{\times 1}$ | $\frac{9}{\times 6}$ | $\frac{9}{\times 4}$ |
| $\frac{63}{18}$ | $\frac{18}{18}$ | $\frac{90}{90}$ | $\frac{45}{45}$ | $\frac{81}{81}$ | $\frac{27}{27}$ | $\frac{72}{72}$ | $\frac{9}{9}$ | $\frac{54}{54}$ | $\frac{36}{36}$ |
| $\frac{9}{\times 7}$ | $\frac{9}{\times 6}$ | $\frac{9}{\times 5}$ | $\frac{9}{\times 4}$ | $\frac{9}{\times 8}$ | $\frac{9}{\times 10}$ | $\frac{9}{\times 1}$ | $\frac{9}{\times 2}$ | $\frac{9}{\times 3}$ | $\frac{9}{\times 9}$ |
| $\frac{63}{54}$ | $\frac{54}{54}$ | $\frac{45}{45}$ | $\frac{36}{36}$ | $\frac{72}{72}$ | $\frac{90}{90}$ | $\frac{9}{9}$ | $\frac{18}{18}$ | $\frac{27}{27}$ | $\frac{81}{81}$ |



Multiplication Drills (9s)

Name:

Solve each problem.

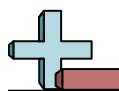
$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 10 & \times 5 & \times 4 & \times 3 & \times 8 & \times 2 & \times 6 & \times 9 & \times 7 & \times 1 \end{array}$$

$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 7 & \times 8 & \times 9 & \times 10 & \times 4 & \times 3 & \times 6 & \times 2 & \times 1 & \times 5 \end{array}$$

$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$$



Multiplication Drills (9s)

Name: **Answer Key**

Solve each problem.

$$\begin{array}{cccccccccc}
 8 & 2 & 4 & 3 & 5 & 9 & 1 & 6 & 10 & 7 \\
 \times 9 & \times 9 \\
 \hline
 72 & 18 & 36 & 27 & 45 & 81 & 9 & 54 & 90 & 63
 \end{array}$$

$$\begin{array}{cccccccccc}
 4 & 1 & 9 & 6 & 10 & 8 & 5 & 3 & 2 & 7 \\
 \times 9 & \times 9 \\
 \hline
 36 & 9 & 81 & 54 & 90 & 72 & 45 & 27 & 18 & 63
 \end{array}$$

$$\begin{array}{cccccccccc}
 6 & 4 & 8 & 1 & 3 & 9 & 10 & 5 & 7 & 2 \\
 \times 9 & \times 9 \\
 \hline
 54 & 36 & 72 & 9 & 27 & 81 & 90 & 45 & 63 & 18
 \end{array}$$

$$\begin{array}{r}
 6 & 4 & 10 & 1 & 2 & 9 & 8 & 7 & 3 & 5 \\
 \times 9 & \times 9 \\
 \hline
 54 & 36 & 90 & 9 & 18 & 81 & 72 & 63 & 27 & 45
 \end{array}$$

$$\begin{array}{r}
 8 & 10 & 4 & 6 & 9 & 5 & 1 & 3 & 2 & 7 \\
 \times 9 & \times 9 \\
 \hline
 72 & 90 & 36 & 54 & 81 & 45 & 9 & 27 & 18 & 63
 \end{array}$$

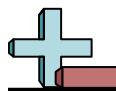
$$\begin{array}{r}
 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\
 \times 10 & \times 5 & \times 4 & \times 3 & \times 8 & \times 2 & \times 6 & \times 9 & \times 7 & \times 1 \\
 \hline
 90 & 45 & 36 & 27 & 72 & 18 & 54 & 81 & 63 & 9
 \end{array}$$

$$\begin{array}{r}
 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\
 \times 7 & \times 8 & \times 9 & \times 10 & \times 4 & \times 3 & \times 6 & \times 2 & \times 1 & \times 5 \\
 \hline
 63 & 72 & 81 & 90 & 36 & 27 & 54 & 18 & 9 & 45
 \end{array}$$

$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline 90 \end{array}$$

$$\begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline 90 \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array}$$



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Name:

Solve each problem.

$$9 \quad 9 \quad 9$$

$$\times 1 \quad \times 7 \quad \times 5 \quad \times 10 \quad \times 4 \quad \times 9 \quad \times 3 \quad \times 6 \quad \times 8 \quad \times 2$$

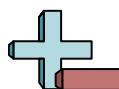
$$9 \quad 9 \quad 9$$

$$\times 4 \quad \times 2 \quad \times 3 \quad \times 8 \quad \times 1 \quad \times 5 \quad \times 10 \quad \times 7 \quad \times 9 \quad \times 6$$

$$\begin{array}{ccccccccccccc} 9 & & 9 & & 9 & & 9 & & 9 & & 9 & & 9 \\ \times 7 & & \times 5 & & \times 10 & & \times 9 & & \times 8 & & \times 2 & & \times 1 \\ \hline \end{array}$$

9 9 9 9 9 9 9 9 9 9
5 10 8 2 6 7 8 3 4 1

9 9 9 9 9 9 9 9 9 9 9
-10 -9 -5 -4 -1 -8 -3 -7 -2 -6



Multiplication Drills (9s)

Name: **Answer Key**

Solve each problem.

$$\begin{array}{cccccccccc}
 3 & 10 & 9 & 1 & 6 & 8 & 5 & 7 & 4 & 2 \\
 \times 9 & \times 9 \\
 \hline
 27 & 90 & 81 & 9 & 54 & 72 & 45 & 63 & 36 & 18
 \end{array}$$

$$\begin{array}{cccccccccc}
 3 & 2 & 9 & 8 & 6 & 5 & 1 & 7 & 4 & 10 \\
 \times 9 & \times 9 \\
 \hline
 27 & 18 & 81 & 72 & 54 & 45 & 9 & 63 & 36 & 90
 \end{array}$$

$$\begin{array}{cccccccccc}
 8 & 9 & 2 & 10 & 7 & 6 & 3 & 5 & 4 & 1 \\
 \times 9 & \times 9 \\
 \hline
 72 & 81 & 18 & 90 & 63 & 54 & 27 & 45 & 36 & 9
 \end{array}$$

$$\begin{array}{r}
 3 & 9 & 2 & 10 & 5 & 7 & 8 & 1 & 4 & 6 \\
 \times 9 & \times 9 \\
 \hline
 27 & 81 & 18 & 90 & 45 & 63 & 72 & 9 & 36 & 54
 \end{array}$$

$$\begin{array}{r}
 2 & 5 & 10 & 4 & 3 & 1 & 9 & 8 & 6 & 7 \\
 \times 9 & \times 9 \\
 \hline
 18 & 45 & 90 & 36 & 27 & 9 & 81 & 72 & 54 & 63
 \end{array}$$

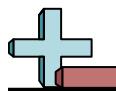
$$\begin{array}{r}
 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\
 \times 1 & \times 7 & \times 5 & \times 10 & \times 4 & \times 9 & \times 3 & \times 6 & \times 8 & \times 2 \\
 \hline
 9 & 63 & 45 & 90 & 36 & 81 & 27 & 54 & 72 & 18
 \end{array}$$

$$\begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline 90 \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline 90 \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array}$$

$$\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r}
 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\
 \times 10 & \times 9 & \times 5 & \times 4 & \times 1 & \times 8 & \times 3 & \times 7 & \times 2 & \times 6 \\
 \hline
 90 & 81 & 45 & 36 & 9 & 72 & 27 & 63 & 18 & 54
 \end{array}$$



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Name:

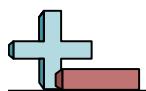
Solve each problem.

$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 4 & \times 10 & \times 2 & \times 7 & \times 1 & \times 5 & \times 6 & \times 9 & \times 8 & \times 3 \end{array}$$

$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 9 & \times 1 & \times 5 & \times 8 & \times 10 & \times 2 & \times 4 & \times 3 & \times 6 & \times 7 \end{array}$$

9 9 9 9 9 9 9 9 9 9
×1 ×6 ×8 ×7 ×5 ×9 ×3 ×10 ×2 ×4

9 9 9 9 9 9 9 9 9 9
 6 2 10 4 8 2 7 1 8 5



Multiplication Drills (9s)

Name: **Answer Key**

Solve each problem.

$$\begin{array}{cccccccccc}
 5 & & 2 & & 1 & & 9 & & 6 & & 10 & & 3 & & 7 & & 4 & & 8 \\
 \times 9 & & \times 9 \\
 \hline
 45 & & 18 & & 9 & & 81 & & 54 & & 90 & & 27 & & 63 & & 36 & & 72
 \end{array}$$

$$\begin{array}{cccccccccc}
 2 & 3 & 10 & 8 & 7 & 1 & 5 & 9 & 6 & 4 \\
 \times 9 & \times 9 \\
 \hline
 18 & 27 & 90 & 72 & 63 & 9 & 45 & 81 & 54 & 36
 \end{array}$$

$$\begin{array}{r}
 3 & 4 & 7 & 10 & 6 & 9 & 8 & 1 & 5 & 2 \\
 \times 9 & \times 9 \\
 \hline
 27 & 36 & 63 & 90 & 54 & 81 & 72 & 9 & 45 & 18
 \end{array}$$

$$\begin{array}{r}
 7 & 3 & 1 & 2 & 5 & 6 & 8 & 9 & 10 & 4 \\
 \times 9 & \times 9 \\
 \hline
 63 & 27 & 9 & 18 & 45 & 54 & 72 & 81 & 90 & 36
 \end{array}$$

$$\begin{array}{r}
 6 & 9 & 1 & 2 & 3 & 7 & 5 & 8 & 10 & 4 \\
 \times 9 & \times 9 \\
 \hline
 54 & 81 & 9 & 18 & 27 & 63 & 45 & 72 & 90 & 36
 \end{array}$$

$$\begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline 90 \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array}$$

$$\begin{array}{r}
 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\
 \times 9 & \times 1 & \times 5 & \times 8 & \times 10 & \times 2 & \times 4 & \times 3 & \times 6 & \times 7 \\
 \hline
 81 & 9 & 45 & 72 & 90 & 18 & 36 & 27 & 54 & 63
 \end{array}$$

$$\begin{array}{r} 9 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{cccccccccc}
 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\
 \times 3 & \times 1 & \times 2 & \times 10 & \times 8 & \times 5 & \times 7 & \times 6 & \times 4 & \times 9 \\
 \hline
\end{array}$$



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Name:

Solve each problem.

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline 90 \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$

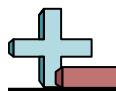


Multiplication Drills (9s)

Name: **Answer Key**

Solve each problem.

| | | | | | | | | | |
|-----------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|
| $\frac{10}{\times 9}$ | $\frac{3}{\times 9}$ | $\frac{1}{\times 9}$ | $\frac{5}{\times 9}$ | $\frac{4}{\times 9}$ | $\frac{6}{\times 9}$ | $\frac{2}{\times 9}$ | $\frac{8}{\times 9}$ | $\frac{9}{\times 9}$ | $\frac{7}{\times 9}$ |
| $\frac{90}{27}$ | $\frac{27}{27}$ | $\frac{9}{9}$ | $\frac{45}{45}$ | $\frac{36}{36}$ | $\frac{54}{54}$ | $\frac{18}{18}$ | $\frac{72}{72}$ | $\frac{81}{81}$ | $\frac{63}{63}$ |
| 9 | 2 | 1 | 10 | 4 | 8 | 6 | 7 | 5 | 3 |
| $\frac{\times 9}{81}$ | $\frac{\times 9}{18}$ | $\frac{\times 9}{9}$ | $\frac{\times 9}{90}$ | $\frac{\times 9}{36}$ | $\frac{\times 9}{72}$ | $\frac{\times 9}{54}$ | $\frac{\times 9}{63}$ | $\frac{\times 9}{45}$ | $\frac{\times 9}{27}$ |
| 5 | 7 | 4 | 2 | 8 | 1 | 6 | 9 | 10 | 3 |
| $\frac{\times 9}{45}$ | $\frac{\times 9}{63}$ | $\frac{\times 9}{36}$ | $\frac{\times 9}{18}$ | $\frac{\times 9}{72}$ | $\frac{\times 9}{9}$ | $\frac{\times 9}{54}$ | $\frac{\times 9}{81}$ | $\frac{\times 9}{90}$ | $\frac{\times 9}{27}$ |
| 5 | 9 | 8 | 7 | 6 | 1 | 2 | 4 | 3 | 10 |
| $\frac{\times 9}{45}$ | $\frac{\times 9}{81}$ | $\frac{\times 9}{72}$ | $\frac{\times 9}{63}$ | $\frac{\times 9}{54}$ | $\frac{\times 9}{9}$ | $\frac{\times 9}{18}$ | $\frac{\times 9}{36}$ | $\frac{\times 9}{27}$ | $\frac{\times 9}{90}$ |
| 8 | 2 | 9 | 1 | 5 | 7 | 10 | 6 | 4 | 3 |
| $\frac{\times 9}{72}$ | $\frac{\times 9}{18}$ | $\frac{\times 9}{81}$ | $\frac{\times 9}{9}$ | $\frac{\times 9}{45}$ | $\frac{\times 9}{63}$ | $\frac{\times 9}{90}$ | $\frac{\times 9}{54}$ | $\frac{\times 9}{36}$ | $\frac{\times 9}{27}$ |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| $\frac{\times 7}{63}$ | $\frac{\times 3}{27}$ | $\frac{\times 8}{72}$ | $\frac{\times 5}{45}$ | $\frac{\times 10}{90}$ | $\frac{\times 1}{9}$ | $\frac{\times 4}{36}$ | $\frac{\times 2}{18}$ | $\frac{\times 6}{54}$ | $\frac{\times 9}{81}$ |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| $\frac{\times 7}{63}$ | $\frac{\times 4}{36}$ | $\frac{\times 10}{90}$ | $\frac{\times 3}{27}$ | $\frac{\times 2}{18}$ | $\frac{\times 9}{81}$ | $\frac{\times 5}{45}$ | $\frac{\times 6}{54}$ | $\frac{\times 8}{72}$ | $\frac{\times 1}{9}$ |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| $\frac{\times 9}{81}$ | $\frac{\times 3}{27}$ | $\frac{\times 5}{45}$ | $\frac{\times 1}{9}$ | $\frac{\times 6}{54}$ | $\frac{\times 2}{18}$ | $\frac{\times 10}{90}$ | $\frac{\times 7}{63}$ | $\frac{\times 4}{36}$ | $\frac{\times 8}{72}$ |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| $\frac{\times 7}{63}$ | $\frac{\times 10}{90}$ | $\frac{\times 8}{72}$ | $\frac{\times 4}{36}$ | $\frac{\times 1}{9}$ | $\frac{\times 9}{81}$ | $\frac{\times 3}{27}$ | $\frac{\times 2}{18}$ | $\frac{\times 6}{54}$ | $\frac{\times 5}{45}$ |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| $\frac{\times 5}{45}$ | $\frac{\times 6}{54}$ | $\frac{\times 2}{18}$ | $\frac{\times 4}{36}$ | $\frac{\times 10}{90}$ | $\frac{\times 1}{9}$ | $\frac{\times 9}{81}$ | $\frac{\times 8}{72}$ | $\frac{\times 7}{63}$ | $\frac{\times 3}{27}$ |



Multiplication Drills (9s)

Name:

Solve each problem.

| | | | | | | | | | |
|---|----|---|---|---|---|---|---|---|---|
| 6 | 10 | 3 | 7 | 5 | 8 | 2 | 9 | 4 | 1 |
| 9 | 8 | 9 | 8 | 9 | 8 | 9 | 8 | 9 | 9 |

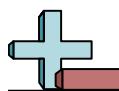
$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 8 & \times 3 & \times 1 & \times 4 & \times 10 & \times 9 & \times 7 & \times 6 & \times 5 & \times 2 \end{array}$$

$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 6 & \times 5 & \times 2 & \times 8 & \times 3 & \times 9 & \times 7 & \times 1 & \times 4 & \times 10 \end{array}$$

9 9 9 9 9 9 9 9 9 9
5 5 6 6 6 4 10 6 1 6

9 9 9 9 9 9 9 9 9 9

9 9 9 9 9 9 9 9 9 9 9
 $\times 6 \times 8 \times 7 \times 4 \times 10 \times 2 \times 5 \times 3 \times 1 \times 0$



Multiplication Drills (9s)

Name: **Answer Key**

Solve each problem.

$$\begin{array}{cccccccccc}
 6 & 9 & 8 & 4 & 7 & 3 & 1 & 2 & 10 & 5 \\
 \times 9 & \times 9 \\
 \hline
 54 & 81 & 72 & 36 & 63 & 27 & 9 & 18 & 90 & 45
 \end{array}$$

$$\begin{array}{cccccccccc}
 1 & 4 & 10 & 3 & 7 & 2 & 6 & 8 & 9 & 5 \\
 \times 9 & \times 9 \\
 \hline
 9 & 36 & 90 & 27 & 63 & 18 & 54 & 72 & 81 & 45
 \end{array}$$

$$\begin{array}{cccccccccc}
 9 & 7 & 4 & 8 & 5 & 1 & 6 & 10 & 2 & 3 \\
 \times 9 & \times 9 \\
 \hline
 81 & 63 & 36 & 72 & 45 & 9 & 54 & 90 & 18 & 27
 \end{array}$$

$$\begin{array}{r}
 9 & 5 & 2 & 10 & 6 & 7 & 4 & 3 & 1 & 8 \\
 \times 9 & \times 9 \\
 \hline
 81 & 45 & 18 & 90 & 54 & 63 & 36 & 27 & 9 & 72
 \end{array}$$

$$\begin{array}{cccccccccc}
 6 & 10 & 3 & 7 & 5 & 8 & 2 & 9 & 4 & 1 \\
 \times 9 & \times 9 \\
 \hline
 54 & 90 & 27 & 63 & 45 & 72 & 18 & 81 & 36 & 9
 \end{array}$$

$$\begin{array}{r}
 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\
 \times 8 & \times 3 & \times 1 & \times 4 & \times 10 & \times 9 & \times 7 & \times 6 & \times 5 \\
 \hline
 72 & 27 & 9 & 36 & 90 & 81 & 63 & 54 & 45 \\$$

$$\begin{array}{r}
 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\
 \times 6 & \times 5 & \times 2 & \times 8 & \times 3 & \times 9 & \times 7 & \times 1 & \times 4 & \times 10 \\
 \hline
 54 & 45 & 18 & 72 & 27 & 81 & 63 & 9 & 36 & 90
 \end{array}$$

$$\begin{array}{r}
 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\
 \times 5 & \times 7 & \times 3 & \times 8 & \times 2 & \times 4 & \times 10 & \times 6 & \times 1 & \times 9 \\
 \hline
 45 & 63 & 27 & 72 & 18 & 36 & 90 & 54 & 9 & 81
 \end{array}$$

$$\begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline 90 \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$$



Multiplication Drills (9s)

Name:

Solve each problem.

$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 9 & \times 6 & \times 3 & \times 5 & \times 4 & \times 1 & \times 2 & \times 8 & \times 7 \\ \hline \end{array}$$

$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 2 & \times 3 & \times 9 & \times 6 & \times 8 & \times 5 & \times 10 & \times 1 & \times 7 & \times 4 \end{array}$$

$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 3 & \times 8 & \times 2 & \times 1 & \times 7 & \times 4 & \times 10 & \times 5 & \times 6 & \times 9 \end{array}$$

| | | | | | | | | | | |
|---|---|---|----|---|---|---|---|---|---|---|
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 8 | 9 | 3 | 10 | 5 | 4 | 2 | 6 | 7 | 1 | |

$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 4 & \times 2 & \times 6 & \times 3 & \times 5 & \times 8 & \times 1 & \times 9 & \times 7 & \times 10 \end{array}$$

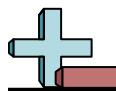


Multiplication Drills (9s)

Name: **Answer Key**

Solve each problem.

| | | | | | | | | | |
|------------|------------|------------|-------------|------------|------------|-------------|------------|------------|-------------|
| 1 | 4 | 9 | 8 | 3 | 5 | 7 | 10 | 6 | 2 |
| $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ |
| 9 | 36 | 81 | 72 | 27 | 45 | 63 | 90 | 54 | 18 |
| 6 | 10 | 9 | 1 | 8 | 7 | 2 | 4 | 5 | 3 |
| $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ |
| 54 | 90 | 81 | 9 | 72 | 63 | 18 | 36 | 45 | 27 |
| 2 | 8 | 3 | 7 | 6 | 5 | 4 | 9 | 10 | 1 |
| $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ |
| 18 | 72 | 27 | 63 | 54 | 45 | 36 | 81 | 90 | 9 |
| 5 | 2 | 10 | 6 | 1 | 4 | 8 | 7 | 9 | 3 |
| $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ |
| 45 | 18 | 90 | 54 | 9 | 36 | 72 | 63 | 81 | 27 |
| 2 | 4 | 8 | 10 | 6 | 9 | 1 | 7 | 3 | 5 |
| $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ |
| 18 | 36 | 72 | 90 | 54 | 81 | 9 | 63 | 27 | 45 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| $\times 9$ | $\times 6$ | $\times 3$ | $\times 5$ | $\times 4$ | $\times 1$ | $\times 2$ | $\times 8$ | $\times 7$ | $\times 10$ |
| 81 | 54 | 27 | 45 | 36 | 9 | 18 | 72 | 63 | 90 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| $\times 2$ | $\times 3$ | $\times 9$ | $\times 6$ | $\times 8$ | $\times 5$ | $\times 10$ | $\times 1$ | $\times 7$ | $\times 4$ |
| 18 | 27 | 81 | 54 | 72 | 45 | 90 | 9 | 63 | 36 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| $\times 3$ | $\times 8$ | $\times 2$ | $\times 1$ | $\times 7$ | $\times 4$ | $\times 10$ | $\times 5$ | $\times 6$ | $\times 9$ |
| 27 | 72 | 18 | 9 | 63 | 36 | 90 | 45 | 54 | 81 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| $\times 8$ | $\times 9$ | $\times 3$ | $\times 10$ | $\times 5$ | $\times 4$ | $\times 2$ | $\times 6$ | $\times 7$ | $\times 1$ |
| 72 | 81 | 27 | 90 | 45 | 36 | 18 | 54 | 63 | 9 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| $\times 4$ | $\times 2$ | $\times 6$ | $\times 3$ | $\times 5$ | $\times 8$ | $\times 1$ | $\times 9$ | $\times 7$ | $\times 10$ |
| 36 | 18 | 54 | 27 | 45 | 72 | 9 | 81 | 63 | 90 |



Multiplication Drills (9s)

Name:

Solve each problem.

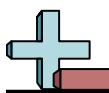
$$\begin{array}{ccccccccccccc} 9 & & 9 & & 9 & & 9 & & 9 & & 9 & & 9 \\ \times 2 & & \times 7 & & \times 3 & & \times 5 & & \times 1 & & \times 6 & & \times 9 \\ \hline \end{array}$$

$$\begin{array}{ccccccccccccc} 9 & & 9 & & 9 & & 9 & & 9 & & 9 & & 9 \\ \times 7 & & \times 10 & & \times 6 & & \times 9 & & \times 3 & & \times 4 & & \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 10 \\ \hline 90 \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array}$$

$$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$$



Multiplication Drills (9s)

Name: **Answer Key**

Solve each problem.

| | | | | | | | | | |
|-------------|-------------|------------|------------|------------|------------|------------|-------------|-------------|------------|
| 1 | 2 | 5 | 4 | 10 | 8 | 7 | 9 | 6 | 3 |
| $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ |
| 9 | 18 | 45 | 36 | 90 | 72 | 63 | 81 | 54 | 27 |
| 4 | 2 | 9 | 6 | 5 | 10 | 3 | 1 | 7 | 8 |
| $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ |
| 36 | 18 | 81 | 54 | 45 | 90 | 27 | 9 | 63 | 72 |
| 1 | 4 | 3 | 5 | 7 | 2 | 10 | 9 | 6 | 8 |
| $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ |
| 9 | 36 | 27 | 45 | 63 | 18 | 90 | 81 | 54 | 72 |
| 2 | 5 | 3 | 4 | 10 | 8 | 6 | 7 | 9 | 1 |
| $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ |
| 18 | 45 | 27 | 36 | 90 | 72 | 54 | 63 | 81 | 9 |
| 4 | 5 | 3 | 1 | 8 | 6 | 9 | 10 | 2 | 7 |
| $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ |
| 36 | 45 | 27 | 9 | 72 | 54 | 81 | 90 | 18 | 63 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| $\times 2$ | $\times 7$ | $\times 3$ | $\times 5$ | $\times 1$ | $\times 6$ | $\times 9$ | $\times 4$ | $\times 10$ | $\times 8$ |
| 18 | 63 | 27 | 45 | 9 | 54 | 81 | 36 | 90 | 72 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| $\times 7$ | $\times 10$ | $\times 6$ | $\times 9$ | $\times 3$ | $\times 4$ | $\times 5$ | $\times 1$ | $\times 8$ | $\times 2$ |
| 63 | 90 | 54 | 81 | 27 | 36 | 45 | 9 | 72 | 18 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| $\times 10$ | $\times 3$ | $\times 4$ | $\times 8$ | $\times 2$ | $\times 1$ | $\times 6$ | $\times 7$ | $\times 9$ | $\times 5$ |
| 90 | 27 | 36 | 72 | 18 | 9 | 54 | 63 | 81 | 45 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| $\times 9$ | $\times 4$ | $\times 2$ | $\times 5$ | $\times 6$ | $\times 3$ | $\times 8$ | $\times 10$ | $\times 7$ | $\times 1$ |
| 81 | 36 | 18 | 45 | 54 | 27 | 72 | 90 | 63 | 9 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| $\times 5$ | $\times 8$ | $\times 3$ | $\times 1$ | $\times 6$ | $\times 2$ | $\times 9$ | $\times 7$ | $\times 10$ | $\times 4$ |
| 45 | 72 | 27 | 9 | 54 | 18 | 81 | 63 | 90 | 36 |



Multiplication Drills (9s)

Name:

Solve each problem.

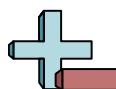
$$\begin{array}{r}
 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\
 \times 8 & \times 9 & \times 5 & \times 7 & \times 10 & \times 6 & \times 4 & \times 3 & \times 1 & \times 2
 \end{array}$$

$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 2 & \times 7 & \times 9 & \times 1 & \times 3 & \times 8 & \times 4 & \times 10 & \times 5 & \times 6 \end{array}$$

$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 5 & \times 6 & \times 9 & \times 2 & \times 1 & \times 7 & \times 4 & \times 8 & \times 10 & \times 3 \end{array}$$

$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 2 & \times 7 & \times 4 & \times 1 & \times 8 & \times 6 & \times 10 & \times 3 & \times 5 & \times 9 \end{array}$$

9 9 9 9 9 9 9 9 9 9
×9 ×8 ×7 ×4 ×6 ×2 ×10 ×2 ×1 ×5



Multiplication Drills (9s)

Name: **Answer Key**

Solve each problem.

$$\begin{array}{cccccccccc}
 5 & & 6 & & 3 & & 1 & & 9 & & 2 & & 10 & & 8 & & 4 & & 7 \\
 \times 9 & & \times 9 \\
 \hline
 45 & & 54 & & 27 & & 9 & & 81 & & 18 & & 90 & & 72 & & 36 & & 63
 \end{array}$$

$$\begin{array}{cccccccccc}
 9 & 1 & 8 & 3 & 2 & 7 & 10 & 6 & 4 & 5 \\
 \times 9 & \times 9 \\
 \hline
 81 & 9 & 72 & 27 & 18 & 63 & 90 & 54 & 36 & 45
 \end{array}$$

$$\begin{array}{cccccccccc}
 2 & 5 & 8 & 1 & 9 & 4 & 7 & 6 & 10 & 3 \\
 \times 9 & \times 9 \\
 \hline
 18 & 45 & 72 & 9 & 81 & 36 & 63 & 54 & 90 & 27
 \end{array}$$

$$\begin{array}{r}
 3 & 2 & 10 & 8 & 5 & 6 & 4 & 1 & 9 & 7 \\
 \times 9 & \times 9 \\
 \hline
 27 & 18 & 90 & 72 & 45 & 54 & 36 & 9 & 81 & 63
 \end{array}$$

$$\begin{array}{r}
 2 & 4 & 10 & 6 & 7 & 5 & 3 & 9 & 1 & 8 \\
 \times 9 & \times 9 \\
 \hline
 18 & 36 & 90 & 54 & 63 & 45 & 27 & 81 & 9 & 72
 \end{array}$$

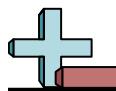
$$\begin{array}{r}
 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\
 \times 8 & \times 9 & \times 5 & \times 7 & \times 10 & \times 6 & \times 4 & \times 3 & \times 1 & \times 2 \\
 \hline
 72 & 81 & 45 & 63 & 90 & 54 & 26 & 27 & 9 & 18
 \end{array}$$

$$\begin{array}{r}
 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\
 \times 2 & \times 7 & \times 9 & \times 1 & \times 3 & \times 8 & \times 4 & \times 10 & \times 5 & \times 6 \\
 \hline
 18 & 63 & 81 & 9 & 27 & 72 & 36 & 90 & 45 & 54
 \end{array}$$

$$\begin{array}{r}
 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\
 \times 5 & \times 6 & \times 9 & \times 2 & \times 1 & \times 7 & \times 4 & \times 8 & \times 10 & \times 3 \\
 \hline
 45 & 54 & 81 & 18 & 9 & 63 & 36 & 72 & 90 & 27
 \end{array}$$

$$\begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline 90 \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array}$$

$$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$$



Multiplication Drills (9s)

Name:

Solve each problem.

$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 7 & \times 4 & \times 9 & \times 1 & \times 6 & \times 10 & \times 8 & \times 2 & \times 5 & \times 3 \end{array}$$

$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 10 & \times 6 & \times 2 & \times 7 & \times 9 & \times 8 & \times 4 & \times 3 & \times 1 & \times 5 \end{array}$$

$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 6 & \times 2 & \times 10 & \times 5 & \times 9 & \times 3 & \times 1 & \times 8 & \times 4 & \times 7 \end{array}$$

9 9 9 9 9 9 9 9 9 9
5 1 2 4 10 7 9 2 8 6

9 9 9 9 9 9 9 9 9 9
2 5 6 8 7 8 9 10 1 4



Multiplication Drills (9s)

Name: **Answer Key**

Solve each problem.

| | | | | | | | | | |
|-------------|------------|-------------|------------|-------------|-------------|------------|-------------|------------|------------|
| 1 | 9 | 5 | 10 | 7 | 4 | 8 | 3 | 2 | 6 |
| $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ |
| 9 | 81 | 45 | 90 | 63 | 36 | 72 | 27 | 18 | 54 |
| 4 | 3 | 9 | 8 | 6 | 7 | 2 | 1 | 10 | 5 |
| $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ |
| 36 | 27 | 81 | 72 | 54 | 63 | 18 | 9 | 90 | 45 |
| 8 | 2 | 9 | 10 | 1 | 7 | 5 | 4 | 6 | 3 |
| $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ |
| 72 | 18 | 81 | 90 | 9 | 63 | 45 | 36 | 54 | 27 |
| 2 | 7 | 8 | 5 | 1 | 6 | 9 | 10 | 4 | 3 |
| $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ |
| 18 | 63 | 72 | 45 | 9 | 54 | 81 | 90 | 36 | 27 |
| 8 | 3 | 7 | 9 | 2 | 4 | 10 | 5 | 6 | 1 |
| $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ | $\times 9$ |
| 72 | 27 | 63 | 81 | 18 | 36 | 90 | 45 | 54 | 9 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| $\times 7$ | $\times 4$ | $\times 9$ | $\times 1$ | $\times 6$ | $\times 10$ | $\times 8$ | $\times 2$ | $\times 5$ | $\times 3$ |
| 63 | 36 | 81 | 9 | 54 | 90 | 72 | 18 | 45 | 27 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| $\times 10$ | $\times 6$ | $\times 2$ | $\times 7$ | $\times 9$ | $\times 8$ | $\times 4$ | $\times 3$ | $\times 1$ | $\times 5$ |
| 90 | 54 | 18 | 63 | 81 | 72 | 36 | 27 | 9 | 45 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| $\times 6$ | $\times 2$ | $\times 10$ | $\times 5$ | $\times 9$ | $\times 3$ | $\times 1$ | $\times 8$ | $\times 4$ | $\times 7$ |
| 54 | 18 | 90 | 45 | 81 | 27 | 9 | 72 | 36 | 63 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| $\times 5$ | $\times 1$ | $\times 3$ | $\times 4$ | $\times 10$ | $\times 7$ | $\times 9$ | $\times 2$ | $\times 8$ | $\times 6$ |
| 45 | 9 | 27 | 36 | 90 | 63 | 81 | 18 | 72 | 54 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| $\times 3$ | $\times 5$ | $\times 6$ | $\times 8$ | $\times 7$ | $\times 2$ | $\times 9$ | $\times 10$ | $\times 1$ | $\times 4$ |
| 27 | 45 | 54 | 72 | 63 | 18 | 81 | 90 | 9 | 36 |