



Multiplication Drills (9s)

Name:

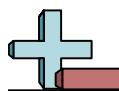
Solve each problem.

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

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

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

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



Multiplication Drills (9s)

Name: **Answer Key**

Solve each problem.

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

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

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

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

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

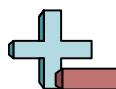
$$\begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array}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

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

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

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

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



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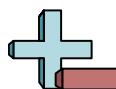
$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 10 & \times 5 & \times 4 & \times 3 & \times 8 & \times 2 & \times 6 & \times 9 & \times 7 & \times 1 \end{array}$$

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

9	9	9	9	9	9	9	9	9	9	9
2	1	0	6	4	8	5	2	7	10	

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

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



Multiplication Drills (9s)

Name: **Answer Key**

Solve each problem.

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

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

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

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

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

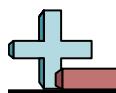
$$\begin{array}{r}
 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\
 \times 10 & \times 5 & \times 4 & \times 3 & \times 8 & \times 2 & \times 6 & \times 9 & \times 7 & \times 1 \\
 \hline
 90 & 45 & 36 & 27 & 72 & 18 & 54 & 81 & 63 & 9
 \end{array}$$

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

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

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

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



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Name:

Solve each problem.

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

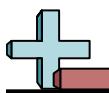
$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 4 & \times 2 & \times 3 & \times 8 & \times 1 & \times 5 & \times 10 & \times 7 & \times 9 & \times 6 \end{array}$$

$$9 \quad 9 \quad 9$$

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

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

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



Multiplication Drills (9s)

Name: **Answer Key**

Solve each problem.

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

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

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

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

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

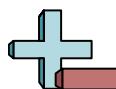
9	$\times 1$	9	$\times 7$	9	$\times 5$	9	$\times 10$	9	$\times 4$	9	$\times 9$	9	$\times 3$	9	$\times 8$	9	$\times 2$	9
$\frac{9}{9}$	$\frac{\times 1}{9}$	$\frac{9}{63}$	$\frac{\times 7}{45}$	$\frac{45}{45}$	$\frac{\times 5}{36}$	$\frac{36}{36}$	$\frac{\times 10}{90}$	$\frac{90}{90}$	$\frac{\times 4}{36}$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

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

9	$\times 7$	9	$\times 5$	9	$\times 10$	9	$\times 9$	9	$\times 8$	9	$\times 7$	9	$\times 6$	9	$\times 5$	9	$\times 4$	9
$\frac{63}{63}$	$\frac{\times 7}{45}$	$\frac{45}{45}$	$\frac{\times 10}{90}$	$\frac{90}{90}$	$\frac{\times 9}{81}$	$\frac{81}{81}$	$\frac{\times 8}{72}$	$\frac{72}{72}$	$\frac{\times 7}{63}$	$\frac{63}{63}$	$\frac{\times 6}{54}$	$\frac{54}{54}$	$\frac{\times 5}{45}$	$\frac{45}{45}$	$\frac{\times 4}{36}$	$\frac{36}{36}$	$\frac{\times 9}{27}$	

9	$\times 5$	9	$\times 2$	9	$\times 9$	9	$\times 8$	9	$\times 7$	9	$\times 6$	9	$\times 5$	9	$\times 4$	9	$\times 3$	9
$\frac{45}{45}$	$\frac{\times 5}{225}$	$\frac{225}{225}$	$\frac{\times 2}{45}$	$\frac{45}{45}$	$\frac{\times 9}{81}$	$\frac{81}{81}$	$\frac{\times 8}{72}$	$\frac{72}{72}$	$\frac{\times 7}{63}$	$\frac{63}{63}$	$\frac{\times 6}{54}$	$\frac{54}{54}$	$\frac{\times 5}{45}$	$\frac{45}{45}$	$\frac{\times 4}{36}$	$\frac{36}{36}$	$\frac{\times 9}{27}$	

9	$\times 10$	9	$\times 5$	9	$\times 4$	9	$\times 1$	9	$\times 8$	9	$\times 7$	9	$\times 6$	9	$\times 5$	9	$\times 4$	9
$\frac{90}{90}$	$\frac{\times 10}{900}$	$\frac{900}{900}$	$\frac{\times 5}{45}$	$\frac{45}{45}$	$\frac{\times 4}{36}$	$\frac{36}{36}$	$\frac{\times 1}{9}$	$\frac{9}{9}$	$\frac{\times 8}{72}$	$\frac{72}{72}$	$\frac{\times 7}{63}$	$\frac{63}{63}$	$\frac{\times 6}{54}$	$\frac{54}{54}$	$\frac{\times 5}{45}$	$\frac{45}{45}$	$\frac{\times 4}{36}$	



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

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

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

$$9 \quad 9 \quad 9$$

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

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



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Name: **Answer Key**

Solve each problem.

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

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

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

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

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

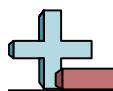
$$\begin{array}{r}
 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\
 \times 4 & \times 10 & \times 2 & \times 7 & \times 1 & \times 5 & \times 6 & \times 9 & \times 8 \\
 \hline
 36 & 90 & 18 & 63 & 9 & 45 & 54 & 81 & 72 \\$$

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

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

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

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



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Name:

Solve each problem.

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

$$9 \quad 9 \quad 9$$

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

$$9 \quad 9 \quad 9$$

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

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

$$\begin{array}{ccccccccccccc} 9 & & 9 & & 9 & & 9 & & 9 & & 9 & & 9 \\ \times 5 & & \times 6 & & \times 2 & & \times 4 & & \times 10 & & \times 1 & & \times 9 \\ \hline \end{array}$$

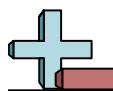


Multiplication Drills (9s)

Name: **Answer Key**

Solve each problem.

10	3	1	5	4	6	2	8	9	7
$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$
<u>90</u>	<u>27</u>	<u>9</u>	<u>45</u>	<u>36</u>	<u>54</u>	<u>18</u>	<u>72</u>	<u>81</u>	<u>63</u>
9	2	1	10	4	8	6	7	5	3
$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$
<u>81</u>	<u>18</u>	<u>9</u>	<u>90</u>	<u>36</u>	<u>72</u>	<u>54</u>	<u>63</u>	<u>45</u>	<u>27</u>
5	7	4	2	8	1	6	9	10	3
$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$
<u>45</u>	<u>63</u>	<u>36</u>	<u>18</u>	<u>72</u>	<u>9</u>	<u>54</u>	<u>81</u>	<u>90</u>	<u>27</u>
5	9	8	7	6	1	2	4	3	10
$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$
<u>45</u>	<u>81</u>	<u>72</u>	<u>63</u>	<u>54</u>	<u>9</u>	<u>18</u>	<u>36</u>	<u>27</u>	<u>90</u>
8	2	9	1	5	7	10	6	4	3
$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$
<u>72</u>	<u>18</u>	<u>81</u>	<u>9</u>	<u>45</u>	<u>63</u>	<u>90</u>	<u>54</u>	<u>36</u>	<u>27</u>
9	9	9	9	9	9	9	9	9	9
$\times 7$	$\times 3$	$\times 8$	$\times 5$	$\times 10$	$\times 1$	$\times 4$	$\times 2$	$\times 6$	$\times 9$
<u>63</u>	<u>27</u>	<u>72</u>	<u>45</u>	<u>90</u>	<u>9</u>	<u>36</u>	<u>18</u>	<u>54</u>	<u>81</u>
9	9	9	9	9	9	9	9	9	9
$\times 7$	$\times 4$	$\times 10$	$\times 3$	$\times 2$	$\times 9$	$\times 5$	$\times 6$	$\times 8$	$\times 1$
<u>63</u>	<u>36</u>	<u>90</u>	<u>27</u>	<u>18</u>	<u>81</u>	<u>45</u>	<u>54</u>	<u>72</u>	<u>9</u>
9	9	9	9	9	9	9	9	9	9
$\times 9$	$\times 3$	$\times 5$	$\times 1$	$\times 6$	$\times 2$	$\times 10$	$\times 7$	$\times 4$	$\times 8$
<u>81</u>	<u>27</u>	<u>45</u>	<u>9</u>	<u>54</u>	<u>18</u>	<u>90</u>	<u>63</u>	<u>36</u>	<u>72</u>
9	9	9	9	9	9	9	9	9	9
$\times 7$	$\times 10$	$\times 8$	$\times 4$	$\times 1$	$\times 9$	$\times 3$	$\times 2$	$\times 6$	$\times 5$
<u>63</u>	<u>90</u>	<u>72</u>	<u>36</u>	<u>9</u>	<u>81</u>	<u>27</u>	<u>18</u>	<u>54</u>	<u>45</u>
9	9	9	9	9	9	9	9	9	9
$\times 5$	$\times 6$	$\times 2$	$\times 4$	$\times 10$	$\times 1$	$\times 9$	$\times 8$	$\times 7$	$\times 3$
<u>45</u>	<u>54</u>	<u>18</u>	<u>36</u>	<u>90</u>	<u>9</u>	<u>81</u>	<u>72</u>	<u>63</u>	<u>27</u>



Multiplication Drills (9s)

Name:

Solve each problem.

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

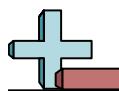
$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 6 & \times 5 & \times 2 & \times 8 & \times 3 & \times 9 & \times 7 & \times 1 & \times 4 & \times 10 \end{array}$$

9 9 9 9 9 9 9 9 9 9

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

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

9 9 9 9 9 9 9 9 9 9



Multiplication Drills (9s)

Name: **Answer Key**

Solve each problem.

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

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

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

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

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

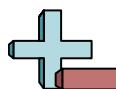
$$\begin{array}{r}
 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\
 \times 8 & \times 3 & \times 1 & \times 4 & \times 10 & \times 9 & \times 7 & \times 6 & \times 5 & \times 2 \\
 \hline
 72 & 27 & 9 & 36 & 90 & 81 & 49 & 36 & 45 & 18
 \end{array}$$

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

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

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

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



Multiplication Drills (9s)

Name:

Solve each problem.

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

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

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

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

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

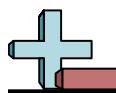


Multiplication Drills (9s)

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.

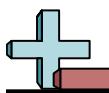
$$\begin{array}{cccccccccc} 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\ \times 2 & \times 7 & \times 3 & \times 5 & \times 1 & \times 6 & \times 9 & \times 4 & \times 10 & \times 8 \end{array}$$

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

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

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

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

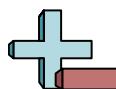


Multiplication Drills (9s)

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.

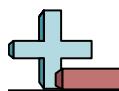
$$\begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline 90 \end{array}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

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

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

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

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



Multiplication Drills (9s)

Name: **Answer Key**

Solve each problem.

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

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

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

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

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

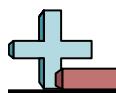
$$\begin{array}{r}
 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\
 \times 8 & \times 9 & \times 5 & \times 7 & \times 10 & \times 6 & \times 4 & \times 3 & \times 1 \\
 \hline
 72 & 81 & 45 & 63 & 90 & 54 & 36 & 27 & 9
 \end{array}$$

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

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

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

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



Multiplication Drills (9s)

Name:

Solve each problem.

$$9 \times 7 = 63$$

$$9 \times 4 = 36$$

$$9 \times 9 = 81$$

$$9 \times 1 = 9$$

$$9 \times 6 = 54$$

$$9 \times 10 = 90$$

$$9 \times 8 = 72$$

$$9 \times 2 = 18$$

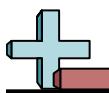
$$9 \times 5 = 45$$

$$9 \times 3 = 27$$

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

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

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



Multiplication Drills (9s)

Name: **Answer Key**

Solve each problem.

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