



## Addition Drills (9s)

Name:

## Solve each problem.

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

$$\begin{array}{ccccccccccccc}
 9 & & 9 & & 9 & & 9 & & 9 & & 9 & & 9 \\
 + 5 & & + 2 & & + 6 & & + 9 & & + 1 & & + 10 & & + 3 \\
 \hline
\end{array}$$

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

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

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

7            6            5            4            8            10            1            2            3            9



## Addition Drills (9s)

Name: **Answer Key**

Solve each problem.

|                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| $\frac{9}{+ 5}$  | $\frac{9}{+ 6}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 2}$  | $\frac{9}{+ 3}$  | $\frac{9}{+ 7}$  | $\frac{9}{+ 4}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 8}$  | $\frac{9}{+ 1}$  |
| $\underline{14}$ | $\underline{15}$ | $\underline{19}$ | $\underline{11}$ | $\underline{12}$ | $\underline{16}$ | $\underline{13}$ | $\underline{18}$ | $\underline{17}$ | $\underline{10}$ |
| $\frac{9}{+ 5}$  | $\frac{9}{+ 2}$  | $\frac{9}{+ 6}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 3}$  | $\frac{9}{+ 7}$  | $\frac{9}{+ 8}$  | $\frac{9}{+ 4}$  |
| $\underline{14}$ | $\underline{11}$ | $\underline{15}$ | $\underline{18}$ | $\underline{10}$ | $\underline{19}$ | $\underline{12}$ | $\underline{16}$ | $\underline{17}$ | $\underline{13}$ |
| $\frac{9}{+ 2}$  | $\frac{9}{+ 6}$  | $\frac{9}{+ 5}$  | $\frac{9}{+ 7}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 8}$  | $\frac{9}{+ 4}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 3}$  |
| $\underline{11}$ | $\underline{15}$ | $\underline{14}$ | $\underline{16}$ | $\underline{10}$ | $\underline{18}$ | $\underline{17}$ | $\underline{13}$ | $\underline{19}$ | $\underline{12}$ |
| $\frac{9}{+ 6}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 5}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 4}$  | $\frac{9}{+ 3}$  | $\frac{9}{+ 7}$  | $\frac{9}{+ 2}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 8}$  |
| $\underline{15}$ | $\underline{19}$ | $\underline{14}$ | $\underline{18}$ | $\underline{13}$ | $\underline{12}$ | $\underline{16}$ | $\underline{11}$ | $\underline{10}$ | $\underline{17}$ |
| $\frac{9}{+ 10}$ | $\frac{9}{+ 5}$  | $\frac{9}{+ 6}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 2}$  | $\frac{9}{+ 4}$  | $\frac{9}{+ 3}$  | $\frac{9}{+ 7}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 8}$  |
| $\underline{19}$ | $\underline{14}$ | $\underline{15}$ | $\underline{10}$ | $\underline{11}$ | $\underline{13}$ | $\underline{12}$ | $\underline{16}$ | $\underline{18}$ | $\underline{17}$ |
| $\frac{6}{+ 9}$  | $\frac{3}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{2}{+ 9}$  | $\frac{9}{+ 9}$  | $\frac{5}{+ 9}$  | $\frac{4}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{1}{+ 9}$  | $\frac{7}{+ 9}$  |
| $\underline{15}$ | $\underline{12}$ | $\underline{17}$ | $\underline{11}$ | $\underline{18}$ | $\underline{14}$ | $\underline{13}$ | $\underline{19}$ | $\underline{10}$ | $\underline{16}$ |
| $\frac{7}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{5}{+ 9}$  | $\frac{4}{+ 9}$  | $\frac{2}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{6}{+ 9}$  | $\frac{1}{+ 9}$  | $\frac{3}{+ 9}$  | $\frac{9}{+ 9}$  |
| $\underline{16}$ | $\underline{17}$ | $\underline{14}$ | $\underline{13}$ | $\underline{11}$ | $\underline{19}$ | $\underline{15}$ | $\underline{10}$ | $\underline{12}$ | $\underline{18}$ |
| $\frac{5}{+ 9}$  | $\frac{9}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{4}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{6}{+ 9}$  | $\frac{1}{+ 9}$  | $\frac{7}{+ 9}$  | $\frac{2}{+ 9}$  | $\frac{3}{+ 9}$  |
| $\underline{14}$ | $\underline{18}$ | $\underline{19}$ | $\underline{13}$ | $\underline{17}$ | $\underline{15}$ | $\underline{10}$ | $\underline{16}$ | $\underline{11}$ | $\underline{12}$ |
| $\frac{7}{+ 9}$  | $\frac{2}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{5}{+ 9}$  | $\frac{9}{+ 9}$  | $\frac{3}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{1}{+ 9}$  | $\frac{6}{+ 9}$  | $\frac{4}{+ 9}$  |
| $\underline{16}$ | $\underline{11}$ | $\underline{19}$ | $\underline{14}$ | $\underline{18}$ | $\underline{12}$ | $\underline{17}$ | $\underline{10}$ | $\underline{15}$ | $\underline{13}$ |
| $\frac{7}{+ 9}$  | $\frac{6}{+ 9}$  | $\frac{5}{+ 9}$  | $\frac{4}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{1}{+ 9}$  | $\frac{2}{+ 9}$  | $\frac{3}{+ 9}$  | $\frac{9}{+ 9}$  |
| $\underline{16}$ | $\underline{15}$ | $\underline{14}$ | $\underline{13}$ | $\underline{17}$ | $\underline{19}$ | $\underline{10}$ | $\underline{11}$ | $\underline{12}$ | $\underline{18}$ |



## Addition Drills (9s)

Name:

**Solve each problem.**

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

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

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

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

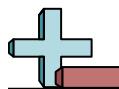


## Addition Drills (9s)

Name: **Answer Key**

Solve each problem.

|                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| $\frac{9}{+ 8}$  | $\frac{9}{+ 2}$  | $\frac{9}{+ 4}$  | $\frac{9}{+ 3}$  | $\frac{9}{+ 5}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 6}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 7}$  |
| $\underline{17}$ | $\underline{11}$ | $\underline{13}$ | $\underline{12}$ | $\underline{14}$ | $\underline{18}$ | $\underline{10}$ | $\underline{15}$ | $\underline{19}$ | $\underline{16}$ |
| $\frac{9}{+ 4}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 6}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 8}$  | $\frac{9}{+ 5}$  | $\frac{9}{+ 3}$  | $\frac{9}{+ 2}$  | $\frac{9}{+ 7}$  |
| $\underline{13}$ | $\underline{10}$ | $\underline{18}$ | $\underline{15}$ | $\underline{19}$ | $\underline{17}$ | $\underline{14}$ | $\underline{12}$ | $\underline{11}$ | $\underline{16}$ |
| $\frac{9}{+ 6}$  | $\frac{9}{+ 4}$  | $\frac{9}{+ 8}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 3}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 5}$  | $\frac{9}{+ 7}$  | $\frac{9}{+ 2}$  |
| $\underline{15}$ | $\underline{13}$ | $\underline{17}$ | $\underline{10}$ | $\underline{12}$ | $\underline{18}$ | $\underline{19}$ | $\underline{14}$ | $\underline{16}$ | $\underline{11}$ |
| $\frac{9}{+ 6}$  | $\frac{9}{+ 4}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 1}$  | $\frac{9}{+ 2}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 8}$  | $\frac{9}{+ 7}$  | $\frac{9}{+ 3}$  | $\frac{9}{+ 5}$  |
| $\underline{15}$ | $\underline{13}$ | $\underline{19}$ | $\underline{10}$ | $\underline{11}$ | $\underline{18}$ | $\underline{17}$ | $\underline{16}$ | $\underline{12}$ | $\underline{14}$ |
| $\frac{9}{+ 8}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 4}$  | $\frac{9}{+ 6}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 5}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 3}$  | $\frac{9}{+ 2}$  | $\frac{9}{+ 7}$  |
| $\underline{17}$ | $\underline{19}$ | $\underline{13}$ | $\underline{15}$ | $\underline{18}$ | $\underline{14}$ | $\underline{10}$ | $\underline{12}$ | $\underline{11}$ | $\underline{16}$ |
| $\frac{10}{+ 9}$ | $\frac{5}{+ 9}$  | $\frac{4}{+ 9}$  | $\frac{3}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{2}{+ 9}$  | $\frac{6}{+ 9}$  | $\frac{9}{+ 9}$  | $\frac{7}{+ 9}$  | $\frac{1}{+ 9}$  |
| $\underline{19}$ | $\underline{14}$ | $\underline{13}$ | $\underline{12}$ | $\underline{17}$ | $\underline{11}$ | $\underline{15}$ | $\underline{18}$ | $\underline{16}$ | $\underline{10}$ |
| $\frac{7}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{9}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{4}{+ 9}$  | $\frac{3}{+ 9}$  | $\frac{6}{+ 9}$  | $\frac{2}{+ 9}$  | $\frac{1}{+ 9}$  | $\frac{5}{+ 9}$  |
| $\underline{16}$ | $\underline{17}$ | $\underline{18}$ | $\underline{19}$ | $\underline{13}$ | $\underline{12}$ | $\underline{15}$ | $\underline{11}$ | $\underline{10}$ | $\underline{14}$ |
| $\frac{3}{+ 9}$  | $\frac{1}{+ 9}$  | $\frac{9}{+ 9}$  | $\frac{6}{+ 9}$  | $\frac{4}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{5}{+ 9}$  | $\frac{2}{+ 9}$  | $\frac{7}{+ 9}$  | $\frac{10}{+ 9}$ |
| $\underline{12}$ | $\underline{10}$ | $\underline{18}$ | $\underline{15}$ | $\underline{13}$ | $\underline{17}$ | $\underline{14}$ | $\underline{11}$ | $\underline{16}$ | $\underline{19}$ |
| $\frac{7}{+ 9}$  | $\frac{4}{+ 9}$  | $\frac{9}{+ 9}$  | $\frac{1}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{2}{+ 9}$  | $\frac{5}{+ 9}$  | $\frac{3}{+ 9}$  | $\frac{6}{+ 9}$  | $\frac{10}{+ 9}$ |
| $\underline{16}$ | $\underline{13}$ | $\underline{18}$ | $\underline{10}$ | $\underline{17}$ | $\underline{11}$ | $\underline{14}$ | $\underline{12}$ | $\underline{15}$ | $\underline{19}$ |
| $\frac{9}{+ 9}$  | $\frac{7}{+ 9}$  | $\frac{5}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{3}{+ 9}$  | $\frac{1}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{2}{+ 9}$  | $\frac{4}{+ 9}$  | $\frac{6}{+ 9}$  |
| $\underline{18}$ | $\underline{16}$ | $\underline{14}$ | $\underline{17}$ | $\underline{12}$ | $\underline{10}$ | $\underline{19}$ | $\underline{11}$ | $\underline{13}$ | $\underline{15}$ |



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Name:

**Solve each problem.**

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

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

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

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

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

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

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

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



## Addition Drills (9s)

Name: **Answer Key**

Solve each problem.

|                                     |                                      |                                      |                                     |                                    |                                      |                                    |                                    |                                    |                                     |
|-------------------------------------|--------------------------------------|--------------------------------------|-------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------------------|
| $\frac{9}{+ 3} \quad \frac{9}{12}$  | $\frac{9}{+ 10} \quad \frac{9}{19}$  | $\frac{9}{+ 9} \quad \frac{9}{18}$   | $\frac{9}{+ 1} \quad \frac{9}{10}$  | $\frac{9}{+ 6} \quad \frac{9}{15}$ | $\frac{9}{+ 8} \quad \frac{9}{17}$   | $\frac{9}{+ 5} \quad \frac{9}{14}$ | $\frac{9}{+ 7} \quad \frac{9}{16}$ | $\frac{9}{+ 4} \quad \frac{9}{13}$ | $\frac{9}{+ 2} \quad \frac{9}{11}$  |
| $\frac{9}{+ 3} \quad \frac{9}{12}$  | $\frac{9}{+ 2} \quad \frac{9}{11}$   | $\frac{9}{+ 9} \quad \frac{9}{18}$   | $\frac{9}{+ 8} \quad \frac{9}{17}$  | $\frac{9}{+ 6} \quad \frac{9}{15}$ | $\frac{9}{+ 5} \quad \frac{9}{14}$   | $\frac{9}{+ 1} \quad \frac{9}{10}$ | $\frac{9}{+ 7} \quad \frac{9}{16}$ | $\frac{9}{+ 4} \quad \frac{9}{13}$ | $\frac{9}{+ 10} \quad \frac{9}{19}$ |
| $\frac{9}{+ 8} \quad \frac{9}{17}$  | $\frac{9}{+ 9} \quad \frac{9}{18}$   | $\frac{9}{+ 2} \quad \frac{9}{11}$   | $\frac{9}{+ 10} \quad \frac{9}{19}$ | $\frac{9}{+ 7} \quad \frac{9}{16}$ | $\frac{9}{+ 6} \quad \frac{9}{15}$   | $\frac{9}{+ 3} \quad \frac{9}{12}$ | $\frac{9}{+ 5} \quad \frac{9}{14}$ | $\frac{9}{+ 4} \quad \frac{9}{13}$ | $\frac{9}{+ 1} \quad \frac{9}{10}$  |
| $\frac{9}{+ 3} \quad \frac{9}{12}$  | $\frac{9}{+ 9} \quad \frac{9}{18}$   | $\frac{9}{+ 2} \quad \frac{9}{11}$   | $\frac{9}{+ 10} \quad \frac{9}{19}$ | $\frac{9}{+ 5} \quad \frac{9}{14}$ | $\frac{9}{+ 7} \quad \frac{9}{16}$   | $\frac{9}{+ 8} \quad \frac{9}{17}$ | $\frac{9}{+ 1} \quad \frac{9}{10}$ | $\frac{9}{+ 4} \quad \frac{9}{13}$ | $\frac{9}{+ 6} \quad \frac{9}{15}$  |
| $\frac{9}{+ 2} \quad \frac{9}{11}$  | $\frac{9}{+ 5} \quad \frac{9}{14}$   | $\frac{9}{+ 10} \quad \frac{9}{19}$  | $\frac{9}{+ 4} \quad \frac{9}{13}$  | $\frac{9}{+ 3} \quad \frac{9}{12}$ | $\frac{9}{+ 1} \quad \frac{9}{10}$   | $\frac{9}{+ 9} \quad \frac{9}{18}$ | $\frac{9}{+ 8} \quad \frac{9}{17}$ | $\frac{9}{+ 6} \quad \frac{9}{15}$ | $\frac{9}{+ 7} \quad \frac{9}{16}$  |
| $\frac{1}{+ 9} \quad \frac{7}{10}$  | $\frac{5}{+ 9} \quad \frac{5}{16}$   | $\frac{10}{+ 9} \quad \frac{14}{19}$ | $\frac{4}{+ 9} \quad \frac{4}{19}$  | $\frac{9}{+ 9} \quad \frac{9}{13}$ | $\frac{9}{+ 9} \quad \frac{9}{18}$   | $\frac{3}{+ 9} \quad \frac{3}{12}$ | $\frac{6}{+ 9} \quad \frac{6}{15}$ | $\frac{8}{+ 9} \quad \frac{8}{17}$ | $\frac{2}{+ 9} \quad \frac{2}{11}$  |
| $\frac{4}{+ 9} \quad \frac{2}{13}$  | $\frac{3}{+ 9} \quad \frac{3}{11}$   | $\frac{8}{+ 9} \quad \frac{8}{12}$   | $\frac{1}{+ 9} \quad \frac{1}{17}$  | $\frac{5}{+ 9} \quad \frac{5}{10}$ | $\frac{10}{+ 9} \quad \frac{10}{14}$ | $\frac{7}{+ 9} \quad \frac{7}{19}$ | $\frac{9}{+ 9} \quad \frac{9}{16}$ | $\frac{9}{+ 9} \quad \frac{9}{18}$ | $\frac{6}{+ 9} \quad \frac{6}{15}$  |
| $\frac{7}{+ 9} \quad \frac{5}{16}$  | $\frac{10}{+ 9} \quad \frac{10}{14}$ | $\frac{9}{+ 9} \quad \frac{9}{19}$   | $\frac{8}{+ 9} \quad \frac{8}{18}$  | $\frac{2}{+ 9} \quad \frac{2}{17}$ | $\frac{1}{+ 9} \quad \frac{1}{11}$   | $\frac{4}{+ 9} \quad \frac{4}{10}$ | $\frac{3}{+ 9} \quad \frac{3}{13}$ | $\frac{3}{+ 9} \quad \frac{3}{12}$ | $\frac{6}{+ 9} \quad \frac{6}{15}$  |
| $\frac{5}{+ 9} \quad \frac{10}{14}$ | $\frac{9}{+ 9} \quad \frac{9}{19}$   | $\frac{2}{+ 9} \quad \frac{2}{18}$   | $\frac{6}{+ 9} \quad \frac{6}{11}$  | $\frac{7}{+ 9} \quad \frac{7}{15}$ | $\frac{8}{+ 9} \quad \frac{8}{16}$   | $\frac{3}{+ 9} \quad \frac{3}{17}$ | $\frac{4}{+ 9} \quad \frac{4}{12}$ | $\frac{9}{+ 9} \quad \frac{9}{13}$ | $\frac{1}{+ 9} \quad \frac{1}{10}$  |
| $\frac{10}{+ 9} \quad \frac{9}{19}$ | $\frac{5}{+ 9} \quad \frac{5}{18}$   | $\frac{4}{+ 9} \quad \frac{4}{14}$   | $\frac{1}{+ 9} \quad \frac{1}{13}$  | $\frac{8}{+ 9} \quad \frac{8}{10}$ | $\frac{3}{+ 9} \quad \frac{3}{17}$   | $\frac{7}{+ 9} \quad \frac{7}{12}$ | $\frac{2}{+ 9} \quad \frac{2}{16}$ | $\frac{6}{+ 9} \quad \frac{6}{11}$ | $\frac{6}{+ 9} \quad \frac{6}{15}$  |



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

$$\begin{array}{ccccccccccccc}
 9 & & 9 & & 9 & & 9 & & 9 & & 9 & & 9 \\
 + 2 & & + 3 & & + 10 & & + 8 & & + 7 & & + 1 & & + 5 \\
 \hline
\end{array}$$

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

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

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

9      1      5      8      10      2      4      3      6      7  
+ 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

3            1            2            10            8            5            7            6            4            9



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Solve each problem.

|                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| $\frac{9}{+ 5}$  | $\frac{9}{+ 2}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 6}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 3}$  | $\frac{9}{+ 7}$  | $\frac{9}{+ 4}$  | $\frac{9}{+ 8}$  |
| $\underline{14}$ | $\underline{11}$ | $\underline{10}$ | $\underline{18}$ | $\underline{15}$ | $\underline{19}$ | $\underline{12}$ | $\underline{16}$ | $\underline{13}$ | $\underline{17}$ |
| $\frac{9}{+ 2}$  | $\frac{9}{+ 3}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 8}$  | $\frac{9}{+ 7}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 5}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 6}$  | $\frac{9}{+ 4}$  |
| $\underline{11}$ | $\underline{12}$ | $\underline{19}$ | $\underline{17}$ | $\underline{16}$ | $\underline{10}$ | $\underline{14}$ | $\underline{18}$ | $\underline{15}$ | $\underline{13}$ |
| $\frac{9}{+ 3}$  | $\frac{9}{+ 4}$  | $\frac{9}{+ 7}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 6}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 8}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 5}$  | $\frac{9}{+ 2}$  |
| $\underline{12}$ | $\underline{13}$ | $\underline{16}$ | $\underline{19}$ | $\underline{15}$ | $\underline{18}$ | $\underline{17}$ | $\underline{10}$ | $\underline{14}$ | $\underline{11}$ |
| $\frac{9}{+ 7}$  | $\frac{9}{+ 3}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 2}$  | $\frac{9}{+ 5}$  | $\frac{9}{+ 6}$  | $\frac{9}{+ 8}$  | $\frac{9}{+ 9}$  | $\frac{10}{+ 4}$ | $\frac{9}{+ 4}$  |
| $\underline{16}$ | $\underline{12}$ | $\underline{10}$ | $\underline{11}$ | $\underline{14}$ | $\underline{15}$ | $\underline{17}$ | $\underline{18}$ | $\underline{19}$ | $\underline{13}$ |
| $\frac{9}{+ 6}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 2}$  | $\frac{9}{+ 3}$  | $\frac{9}{+ 7}$  | $\frac{9}{+ 5}$  | $\frac{9}{+ 8}$  | $\frac{10}{+ 4}$ | $\frac{9}{+ 4}$  |
| $\underline{15}$ | $\underline{18}$ | $\underline{10}$ | $\underline{11}$ | $\underline{12}$ | $\underline{16}$ | $\underline{14}$ | $\underline{17}$ | $\underline{19}$ | $\underline{13}$ |
| $\frac{4}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{2}{+ 9}$  | $\frac{7}{+ 9}$  | $\frac{1}{+ 9}$  | $\frac{5}{+ 9}$  | $\frac{6}{+ 9}$  | $\frac{9}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{3}{+ 9}$  |
| $\underline{13}$ | $\underline{19}$ | $\underline{11}$ | $\underline{16}$ | $\underline{10}$ | $\underline{14}$ | $\underline{15}$ | $\underline{18}$ | $\underline{17}$ | $\underline{12}$ |
| $\frac{9}{+ 9}$  | $\frac{1}{+ 9}$  | $\frac{5}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{2}{+ 9}$  | $\frac{4}{+ 9}$  | $\frac{3}{+ 9}$  | $\frac{6}{+ 9}$  | $\frac{7}{+ 9}$  |
| $\underline{18}$ | $\underline{10}$ | $\underline{14}$ | $\underline{17}$ | $\underline{19}$ | $\underline{11}$ | $\underline{13}$ | $\underline{12}$ | $\underline{15}$ | $\underline{16}$ |
| $\frac{1}{+ 9}$  | $\frac{6}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{7}{+ 9}$  | $\frac{5}{+ 9}$  | $\frac{9}{+ 9}$  | $\frac{3}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{2}{+ 9}$  | $\frac{4}{+ 9}$  |
| $\underline{10}$ | $\underline{15}$ | $\underline{17}$ | $\underline{16}$ | $\underline{14}$ | $\underline{18}$ | $\underline{12}$ | $\underline{19}$ | $\underline{11}$ | $\underline{13}$ |
| $\frac{6}{+ 9}$  | $\frac{3}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{4}{+ 9}$  | $\frac{9}{+ 9}$  | $\frac{2}{+ 9}$  | $\frac{7}{+ 9}$  | $\frac{1}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{5}{+ 9}$  |
| $\underline{15}$ | $\underline{12}$ | $\underline{19}$ | $\underline{13}$ | $\underline{18}$ | $\underline{11}$ | $\underline{16}$ | $\underline{10}$ | $\underline{17}$ | $\underline{14}$ |
| $\frac{3}{+ 9}$  | $\frac{1}{+ 9}$  | $\frac{2}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{8}{+ 9}$  | $\frac{5}{+ 9}$  | $\frac{7}{+ 9}$  | $\frac{6}{+ 9}$  | $\frac{4}{+ 9}$  | $\frac{9}{+ 9}$  |
| $\underline{12}$ | $\underline{10}$ | $\underline{11}$ | $\underline{19}$ | $\underline{17}$ | $\underline{14}$ | $\underline{16}$ | $\underline{15}$ | $\underline{13}$ | $\underline{18}$ |



## Addition Drills (9s)

Name:

**Solve each problem.**

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

$$\begin{array}{ccccccccccccc}
 9 & & 9 & & 9 & & 9 & & 9 & & 9 & & 9 \\
 + 9 & & + 2 & & + 1 & & + 10 & & + 4 & & + 8 & & + 6 \\
 \hline
\end{array}$$

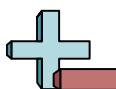
$$\begin{array}{ccccccccccccc}
 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\
 + 5 & + 7 & + 4 & + 2 & + 8 & + 1 & + 6 & + 9 & + 10 & + 3
 \end{array}$$

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

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

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

5            6            2            4            10            1            9            8            7            3

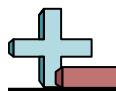


## Addition Drills (9s)

Name: **Answer Key**

Solve each problem.

|                  |                  |                  |                  |                  |                 |                  |                 |                  |                  |
|------------------|------------------|------------------|------------------|------------------|-----------------|------------------|-----------------|------------------|------------------|
| $\frac{9}{+ 10}$ | $\frac{9}{+ 3}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 5}$  | $\frac{9}{+ 4}$  | $\frac{9}{+ 6}$ | $\frac{9}{+ 2}$  | $\frac{9}{+ 8}$ | $\frac{9}{+ 9}$  | $\frac{9}{+ 7}$  |
| $\frac{19}{}$    | $\frac{12}{}$    | $\frac{10}{}$    | $\frac{14}{}$    | $\frac{13}{}$    | $\frac{15}{}$   | $\frac{11}{}$    | $\frac{17}{}$   | $\frac{18}{}$    | $\frac{16}{}$    |
| $\frac{9}{+ 9}$  | $\frac{9}{+ 2}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 4}$  | $\frac{9}{+ 8}$ | $\frac{9}{+ 6}$  | $\frac{9}{+ 7}$ | $\frac{9}{+ 5}$  | $\frac{9}{+ 3}$  |
| $\frac{18}{}$    | $\frac{11}{}$    | $\frac{10}{}$    | $\frac{19}{}$    | $\frac{13}{}$    | $\frac{17}{}$   | $\frac{15}{}$    | $\frac{16}{}$   | $\frac{14}{}$    | $\frac{12}{}$    |
| $\frac{9}{+ 5}$  | $\frac{9}{+ 7}$  | $\frac{9}{+ 4}$  | $\frac{9}{+ 2}$  | $\frac{9}{+ 8}$  | $\frac{9}{+ 1}$ | $\frac{9}{+ 6}$  | $\frac{9}{+ 9}$ | $\frac{9}{+ 10}$ | $\frac{9}{+ 3}$  |
| $\frac{14}{}$    | $\frac{16}{}$    | $\frac{13}{}$    | $\frac{11}{}$    | $\frac{17}{}$    | $\frac{10}{}$   | $\frac{15}{}$    | $\frac{18}{}$   | $\frac{19}{}$    | $\frac{12}{}$    |
| $\frac{9}{+ 5}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 8}$  | $\frac{9}{+ 7}$  | $\frac{9}{+ 6}$  | $\frac{9}{+ 1}$ | $\frac{9}{+ 2}$  | $\frac{9}{+ 4}$ | $\frac{9}{+ 3}$  | $\frac{9}{+ 10}$ |
| $\frac{14}{}$    | $\frac{18}{}$    | $\frac{17}{}$    | $\frac{16}{}$    | $\frac{15}{}$    | $\frac{10}{}$   | $\frac{11}{}$    | $\frac{13}{}$   | $\frac{12}{}$    | $\frac{19}{}$    |
| $\frac{9}{+ 8}$  | $\frac{9}{+ 2}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 5}$  | $\frac{9}{+ 7}$ | $\frac{9}{+ 10}$ | $\frac{9}{+ 6}$ | $\frac{9}{+ 4}$  | $\frac{9}{+ 3}$  |
| $\frac{17}{}$    | $\frac{11}{}$    | $\frac{18}{}$    | $\frac{10}{}$    | $\frac{14}{}$    | $\frac{16}{}$   | $\frac{19}{}$    | $\frac{15}{}$   | $\frac{13}{}$    | $\frac{12}{}$    |
| $\frac{7}{+ 9}$  | $\frac{3}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{5}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{1}{+ 9}$ | $\frac{4}{+ 9}$  | $\frac{2}{+ 9}$ | $\frac{6}{+ 9}$  | $\frac{9}{+ 9}$  |
| $\frac{16}{}$    | $\frac{12}{}$    | $\frac{17}{}$    | $\frac{14}{}$    | $\frac{19}{}$    | $\frac{10}{}$   | $\frac{13}{}$    | $\frac{11}{}$   | $\frac{15}{}$    | $\frac{18}{}$    |
| $\frac{7}{+ 9}$  | $\frac{4}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{3}{+ 9}$  | $\frac{2}{+ 9}$  | $\frac{9}{+ 9}$ | $\frac{5}{+ 9}$  | $\frac{6}{+ 9}$ | $\frac{8}{+ 9}$  | $\frac{1}{+ 9}$  |
| $\frac{16}{}$    | $\frac{13}{}$    | $\frac{19}{}$    | $\frac{12}{}$    | $\frac{11}{}$    | $\frac{18}{}$   | $\frac{14}{}$    | $\frac{15}{}$   | $\frac{17}{}$    | $\frac{10}{}$    |
| $\frac{9}{+ 9}$  | $\frac{3}{+ 9}$  | $\frac{5}{+ 9}$  | $\frac{1}{+ 9}$  | $\frac{6}{+ 9}$  | $\frac{2}{+ 9}$ | $\frac{10}{+ 9}$ | $\frac{7}{+ 9}$ | $\frac{4}{+ 9}$  | $\frac{8}{+ 9}$  |
| $\frac{18}{}$    | $\frac{12}{}$    | $\frac{14}{}$    | $\frac{10}{}$    | $\frac{15}{}$    | $\frac{11}{}$   | $\frac{19}{}$    | $\frac{16}{}$   | $\frac{13}{}$    | $\frac{17}{}$    |
| $\frac{7}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{8}{+ 9}$  | $\frac{4}{+ 9}$  | $\frac{1}{+ 9}$  | $\frac{9}{+ 9}$ | $\frac{3}{+ 9}$  | $\frac{2}{+ 9}$ | $\frac{6}{+ 9}$  | $\frac{5}{+ 9}$  |
| $\frac{16}{}$    | $\frac{19}{}$    | $\frac{17}{}$    | $\frac{13}{}$    | $\frac{10}{}$    | $\frac{18}{}$   | $\frac{12}{}$    | $\frac{11}{}$   | $\frac{15}{}$    | $\frac{14}{}$    |
| $\frac{5}{+ 9}$  | $\frac{6}{+ 9}$  | $\frac{2}{+ 9}$  | $\frac{4}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{1}{+ 9}$ | $\frac{9}{+ 9}$  | $\frac{8}{+ 9}$ | $\frac{7}{+ 9}$  | $\frac{3}{+ 9}$  |
| $\frac{14}{}$    | $\frac{15}{}$    | $\frac{11}{}$    | $\frac{13}{}$    | $\frac{19}{}$    | $\frac{10}{}$   | $\frac{18}{}$    | $\frac{17}{}$   | $\frac{16}{}$    | $\frac{12}{}$    |



## Addition Drills (9s)

Name:

## Solve each problem.

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

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

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

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

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

8            3            1            4            10            9            7            6            5            2

6            5            2            8            3            9            7            1            4            10

5            7            3            8            2            4            10            6            1            9

4            1            6            2            3            8            5            10            9            7

6            8            7            4            10            2            5            3            1            9

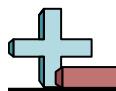


## Addition Drills (9s)

Name: **Answer Key**

Solve each problem.

|                 |                  |                   |                   |                  |                  |                  |                   |                  |                  |
|-----------------|------------------|-------------------|-------------------|------------------|------------------|------------------|-------------------|------------------|------------------|
| $\frac{9}{+ 6}$ | $\frac{9}{+ 9}$  | $\frac{9}{+ 8}$   | $\frac{9}{+ 4}$   | $\frac{9}{+ 7}$  | $\frac{9}{+ 3}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 2}$   | $\frac{9}{+ 10}$ | $\frac{9}{+ 5}$  |
| $\frac{15}{}$   | $\frac{18}{}$    | $\frac{17}{}$     | $\frac{13}{}$     | $\frac{16}{}$    | $\frac{12}{}$    | $\frac{10}{}$    | $\frac{11}{}$     | $\frac{19}{}$    | $\frac{14}{}$    |
| $\frac{9}{+ 1}$ | $\frac{9}{+ 4}$  | $\frac{10}{+ 13}$ | $\frac{3}{+ 12}$  | $\frac{7}{+ 16}$ | $\frac{2}{+ 11}$ | $\frac{6}{+ 15}$ | $\frac{8}{+ 17}$  | $\frac{9}{+ 18}$ | $\frac{5}{+ 14}$ |
| $\frac{10}{}$   | $\frac{13}{}$    | $\frac{19}{}$     | $\frac{12}{}$     | $\frac{16}{}$    | $\frac{11}{}$    | $\frac{15}{}$    | $\frac{17}{}$     | $\frac{18}{}$    | $\frac{14}{}$    |
| $\frac{9}{+ 9}$ | $\frac{9}{+ 7}$  | $\frac{4}{+ 13}$  | $\frac{8}{+ 17}$  | $\frac{5}{+ 14}$ | $\frac{1}{+ 10}$ | $\frac{6}{+ 15}$ | $\frac{10}{+ 19}$ | $\frac{2}{+ 11}$ | $\frac{3}{+ 12}$ |
| $\frac{18}{}$   | $\frac{16}{}$    | $\frac{13}{}$     | $\frac{17}{}$     | $\frac{14}{}$    | $\frac{10}{}$    | $\frac{15}{}$    | $\frac{19}{}$     | $\frac{11}{}$    | $\frac{12}{}$    |
| $\frac{9}{+ 9}$ | $\frac{5}{+ 2}$  | $\frac{2}{+ 11}$  | $\frac{10}{+ 19}$ | $\frac{6}{+ 15}$ | $\frac{7}{+ 16}$ | $\frac{4}{+ 13}$ | $\frac{3}{+ 12}$  | $\frac{1}{+ 10}$ | $\frac{8}{+ 17}$ |
| $\frac{18}{}$   | $\frac{14}{}$    | $\frac{11}{}$     | $\frac{19}{}$     | $\frac{15}{}$    | $\frac{16}{}$    | $\frac{13}{}$    | $\frac{12}{}$     | $\frac{10}{}$    | $\frac{17}{}$    |
| $\frac{9}{+ 6}$ | $\frac{10}{+ 3}$ | $\frac{3}{+ 12}$  | $\frac{7}{+ 16}$  | $\frac{5}{+ 14}$ | $\frac{8}{+ 17}$ | $\frac{2}{+ 11}$ | $\frac{9}{+ 18}$  | $\frac{4}{+ 13}$ | $\frac{1}{+ 10}$ |
| $\frac{15}{}$   | $\frac{19}{}$    | $\frac{12}{}$     | $\frac{16}{}$     | $\frac{14}{}$    | $\frac{17}{}$    | $\frac{11}{}$    | $\frac{18}{}$     | $\frac{13}{}$    | $\frac{10}{}$    |
| $\frac{8}{+ 9}$ | $\frac{3}{+ 9}$  | $\frac{1}{+ 9}$   | $\frac{4}{+ 9}$   | $\frac{10}{+ 9}$ | $\frac{9}{+ 9}$  | $\frac{7}{+ 9}$  | $\frac{6}{+ 9}$   | $\frac{5}{+ 9}$  | $\frac{2}{+ 9}$  |
| $\frac{17}{}$   | $\frac{12}{}$    | $\frac{10}{}$     | $\frac{13}{}$     | $\frac{19}{}$    | $\frac{18}{}$    | $\frac{16}{}$    | $\frac{15}{}$     | $\frac{14}{}$    | $\frac{11}{}$    |
| $\frac{6}{+ 9}$ | $\frac{5}{+ 9}$  | $\frac{2}{+ 9}$   | $\frac{8}{+ 9}$   | $\frac{3}{+ 9}$  | $\frac{9}{+ 9}$  | $\frac{7}{+ 9}$  | $\frac{1}{+ 9}$   | $\frac{4}{+ 9}$  | $\frac{10}{+ 9}$ |
| $\frac{15}{}$   | $\frac{14}{}$    | $\frac{11}{}$     | $\frac{17}{}$     | $\frac{12}{}$    | $\frac{18}{}$    | $\frac{16}{}$    | $\frac{10}{}$     | $\frac{13}{}$    | $\frac{19}{+ 9}$ |
| $\frac{5}{+ 9}$ | $\frac{7}{+ 9}$  | $\frac{3}{+ 9}$   | $\frac{8}{+ 9}$   | $\frac{2}{+ 9}$  | $\frac{4}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{6}{+ 9}$   | $\frac{1}{+ 9}$  | $\frac{9}{+ 9}$  |
| $\frac{14}{}$   | $\frac{16}{}$    | $\frac{12}{}$     | $\frac{17}{}$     | $\frac{11}{}$    | $\frac{13}{}$    | $\frac{19}{}$    | $\frac{15}{}$     | $\frac{10}{}$    | $\frac{18}{}$    |
| $\frac{4}{+ 9}$ | $\frac{1}{+ 9}$  | $\frac{6}{+ 9}$   | $\frac{2}{+ 9}$   | $\frac{3}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{5}{+ 9}$  | $\frac{10}{+ 9}$  | $\frac{9}{+ 9}$  | $\frac{7}{+ 9}$  |
| $\frac{13}{}$   | $\frac{10}{}$    | $\frac{15}{}$     | $\frac{11}{}$     | $\frac{12}{}$    | $\frac{17}{}$    | $\frac{14}{}$    | $\frac{19}{}$     | $\frac{18}{}$    | $\frac{16}{}$    |
| $\frac{6}{+ 9}$ | $\frac{8}{+ 9}$  | $\frac{7}{+ 9}$   | $\frac{4}{+ 9}$   | $\frac{10}{+ 9}$ | $\frac{2}{+ 9}$  | $\frac{5}{+ 9}$  | $\frac{3}{+ 9}$   | $\frac{1}{+ 9}$  | $\frac{9}{+ 9}$  |
| $\frac{15}{}$   | $\frac{17}{}$    | $\frac{16}{}$     | $\frac{13}{}$     | $\frac{19}{}$    | $\frac{11}{}$    | $\frac{14}{}$    | $\frac{12}{}$     | $\frac{10}{}$    | $\frac{18}{}$    |



## Addition Drills (9s)

Name:

### Solve each problem.

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

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

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

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

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

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

2            3            9            6            8            5            10          1            7            4

3            8            2            1            7            4            10            5            6            9

8            9            3            10            5            4            2            6            7            1

4            2            6            3            5            8            1            9            7            10



## Addition Drills (9s)

Name: **Answer Key**

Solve each problem.

|                 |                  |                  |                  |                 |                 |                  |                  |                  |                  |
|-----------------|------------------|------------------|------------------|-----------------|-----------------|------------------|------------------|------------------|------------------|
| $\frac{9}{+ 1}$ | $\frac{9}{+ 4}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 8}$  | $\frac{9}{+ 3}$ | $\frac{9}{+ 5}$ | $\frac{9}{+ 7}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 6}$  | $\frac{9}{+ 2}$  |
| $\frac{10}{ }$  | $\frac{13}{ }$   | $\frac{18}{ }$   | $\frac{17}{ }$   | $\frac{12}{ }$  | $\frac{14}{ }$  | $\frac{16}{ }$   | $\frac{19}{ }$   | $\frac{15}{ }$   | $\frac{11}{ }$   |
| $\frac{9}{+ 6}$ | $\frac{9}{+ 10}$ | $\frac{9}{+ 9}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 8}$ | $\frac{9}{+ 7}$ | $\frac{9}{+ 2}$  | $\frac{9}{+ 4}$  | $\frac{9}{+ 5}$  | $\frac{9}{+ 3}$  |
| $\frac{15}{ }$  | $\frac{19}{ }$   | $\frac{18}{ }$   | $\frac{10}{ }$   | $\frac{17}{ }$  | $\frac{16}{ }$  | $\frac{11}{ }$   | $\frac{13}{ }$   | $\frac{14}{ }$   | $\frac{12}{ }$   |
| $\frac{9}{+ 2}$ | $\frac{9}{+ 8}$  | $\frac{9}{+ 3}$  | $\frac{9}{+ 7}$  | $\frac{9}{+ 6}$ | $\frac{9}{+ 5}$ | $\frac{9}{+ 4}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 1}$  |
| $\frac{11}{ }$  | $\frac{17}{ }$   | $\frac{12}{ }$   | $\frac{16}{ }$   | $\frac{15}{ }$  | $\frac{14}{ }$  | $\frac{13}{ }$   | $\frac{18}{ }$   | $\frac{19}{ }$   | $\frac{10}{ }$   |
| $\frac{9}{+ 5}$ | $\frac{9}{+ 2}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 6}$  | $\frac{9}{+ 1}$ | $\frac{9}{+ 4}$ | $\frac{9}{+ 8}$  | $\frac{9}{+ 7}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 3}$  |
| $\frac{14}{ }$  | $\frac{11}{ }$   | $\frac{19}{ }$   | $\frac{15}{ }$   | $\frac{10}{ }$  | $\frac{13}{ }$  | $\frac{17}{ }$   | $\frac{16}{ }$   | $\frac{18}{ }$   | $\frac{12}{ }$   |
| $\frac{9}{+ 2}$ | $\frac{9}{+ 4}$  | $\frac{9}{+ 8}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 6}$ | $\frac{9}{+ 9}$ | $\frac{9}{+ 1}$  | $\frac{9}{+ 7}$  | $\frac{9}{+ 3}$  | $\frac{9}{+ 5}$  |
| $\frac{11}{ }$  | $\frac{13}{ }$   | $\frac{17}{ }$   | $\frac{19}{ }$   | $\frac{15}{ }$  | $\frac{18}{ }$  | $\frac{10}{ }$   | $\frac{16}{ }$   | $\frac{12}{ }$   | $\frac{14}{ }$   |
| $\frac{9}{+ 9}$ | $\frac{6}{+ 9}$  | $\frac{3}{+ 9}$  | $\frac{5}{+ 9}$  | $\frac{4}{+ 9}$ | $\frac{1}{+ 9}$ | $\frac{2}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{7}{+ 9}$  | $\frac{10}{+ 9}$ |
| $\frac{18}{ }$  | $\frac{15}{ }$   | $\frac{12}{ }$   | $\frac{14}{ }$   | $\frac{13}{ }$  | $\frac{10}{ }$  | $\frac{11}{ }$   | $\frac{17}{ }$   | $\frac{16}{ }$   | $\frac{19}{ }$   |
| $\frac{2}{+ 9}$ | $\frac{3}{+ 9}$  | $\frac{9}{+ 9}$  | $\frac{6}{+ 9}$  | $\frac{8}{+ 9}$ | $\frac{5}{+ 9}$ | $\frac{10}{+ 9}$ | $\frac{1}{+ 9}$  | $\frac{7}{+ 9}$  | $\frac{4}{+ 9}$  |
| $\frac{11}{ }$  | $\frac{12}{ }$   | $\frac{18}{ }$   | $\frac{15}{ }$   | $\frac{17}{ }$  | $\frac{14}{ }$  | $\frac{19}{ }$   | $\frac{10}{ }$   | $\frac{16}{ }$   | $\frac{13}{ }$   |
| $\frac{3}{+ 9}$ | $\frac{8}{+ 9}$  | $\frac{2}{+ 9}$  | $\frac{1}{+ 9}$  | $\frac{7}{+ 9}$ | $\frac{4}{+ 9}$ | $\frac{10}{+ 9}$ | $\frac{5}{+ 9}$  | $\frac{6}{+ 9}$  | $\frac{9}{+ 9}$  |
| $\frac{12}{ }$  | $\frac{17}{ }$   | $\frac{11}{ }$   | $\frac{10}{ }$   | $\frac{16}{ }$  | $\frac{13}{ }$  | $\frac{19}{ }$   | $\frac{14}{ }$   | $\frac{15}{ }$   | $\frac{18}{ }$   |
| $\frac{8}{+ 9}$ | $\frac{9}{+ 9}$  | $\frac{3}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{5}{+ 9}$ | $\frac{4}{+ 9}$ | $\frac{2}{+ 9}$  | $\frac{6}{+ 9}$  | $\frac{7}{+ 9}$  | $\frac{1}{+ 9}$  |
| $\frac{17}{ }$  | $\frac{18}{ }$   | $\frac{12}{ }$   | $\frac{19}{ }$   | $\frac{14}{ }$  | $\frac{13}{ }$  | $\frac{11}{ }$   | $\frac{15}{ }$   | $\frac{16}{ }$   | $\frac{10}{ }$   |
| $\frac{4}{+ 9}$ | $\frac{2}{+ 9}$  | $\frac{6}{+ 9}$  | $\frac{3}{+ 9}$  | $\frac{5}{+ 9}$ | $\frac{8}{+ 9}$ | $\frac{1}{+ 9}$  | $\frac{9}{+ 9}$  | $\frac{7}{+ 9}$  | $\frac{10}{+ 9}$ |
| $\frac{13}{ }$  | $\frac{11}{ }$   | $\frac{15}{ }$   | $\frac{12}{ }$   | $\frac{14}{ }$  | $\frac{17}{ }$  | $\frac{10}{ }$   | $\frac{18}{ }$   | $\frac{16}{ }$   | $\frac{19}{ }$   |



## Addition Drills (9s)

Name:

**Solve each problem.**

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

$$\begin{array}{ccccccccccccc}
 9 & & 9 & & 9 & & 9 & & 9 & & 9 & & 9 \\
 + 4 & & + 2 & & + 9 & & + 6 & & + 5 & & + 10 & & + 3 \\
 \hline
\end{array}$$

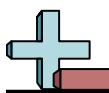
$$\begin{array}{ccccccccccccc}
 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 \\
 + 1 & + 4 & + 3 & + 5 & + 7 & + 2 & + 10 & + 9 & + 6 & + 8
 \end{array}$$

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

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

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

5            8            3            1            6            2            9            7            10            4



## Addition Drills (9s)

Name: **Answer Key**

Solve each problem.

|                  |                  |                 |                 |                  |                  |                  |                  |                  |                 |
|------------------|------------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|-----------------|
| $\frac{9}{+ 1}$  | $\frac{9}{+ 2}$  | $\frac{9}{+ 5}$ | $\frac{9}{+ 4}$ | $\frac{9}{+ 10}$ | $\frac{9}{+ 8}$  | $\frac{9}{+ 7}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 6}$  | $\frac{9}{+ 3}$ |
| $\frac{10}{ }$   | $\frac{11}{ }$   | $\frac{14}{ }$  | $\frac{13}{ }$  | $\frac{19}{ }$   | $\frac{17}{ }$   | $\frac{16}{ }$   | $\frac{18}{ }$   | $\frac{15}{ }$   | $\frac{12}{ }$  |
| $\frac{9}{+ 4}$  | $\frac{9}{+ 2}$  | $\frac{9}{+ 9}$ | $\frac{9}{+ 6}$ | $\frac{9}{+ 5}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 3}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 7}$  | $\frac{9}{+ 8}$ |
| $\frac{13}{ }$   | $\frac{11}{ }$   | $\frac{18}{ }$  | $\frac{15}{ }$  | $\frac{14}{ }$   | $\frac{19}{ }$   | $\frac{12}{ }$   | $\frac{10}{ }$   | $\frac{16}{ }$   | $\frac{17}{ }$  |
| $\frac{9}{+ 1}$  | $\frac{9}{+ 4}$  | $\frac{9}{+ 3}$ | $\frac{9}{+ 5}$ | $\frac{9}{+ 7}$  | $\frac{9}{+ 2}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 9}$  | $\frac{9}{+ 6}$  | $\frac{9}{+ 8}$ |
| $\frac{10}{ }$   | $\frac{13}{ }$   | $\frac{12}{ }$  | $\frac{14}{ }$  | $\frac{16}{ }$   | $\frac{11}{ }$   | $\frac{19}{ }$   | $\frac{18}{ }$   | $\frac{15}{ }$   | $\frac{17}{ }$  |
| $\frac{9}{+ 2}$  | $\frac{9}{+ 5}$  | $\frac{9}{+ 3}$ | $\frac{9}{+ 4}$ | $\frac{9}{+ 10}$ | $\frac{9}{+ 8}$  | $\frac{9}{+ 6}$  | $\frac{9}{+ 7}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 1}$ |
| $\frac{11}{ }$   | $\frac{14}{ }$   | $\frac{12}{ }$  | $\frac{13}{ }$  | $\frac{19}{ }$   | $\frac{17}{ }$   | $\frac{15}{ }$   | $\frac{16}{ }$   | $\frac{18}{ }$   | $\frac{10}{ }$  |
| $\frac{9}{+ 4}$  | $\frac{9}{+ 5}$  | $\frac{9}{+ 3}$ | $\frac{9}{+ 1}$ | $\frac{9}{+ 8}$  | $\frac{9}{+ 6}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 2}$  | $\frac{9}{+ 7}$ |
| $\frac{13}{ }$   | $\frac{14}{ }$   | $\frac{12}{ }$  | $\frac{10}{ }$  | $\frac{17}{ }$   | $\frac{15}{ }$   | $\frac{18}{ }$   | $\frac{19}{ }$   | $\frac{11}{ }$   | $\frac{16}{ }$  |
| $\frac{2}{+ 9}$  | $\frac{7}{+ 9}$  | $\frac{3}{+ 9}$ | $\frac{5}{+ 9}$ | $\frac{1}{+ 9}$  | $\frac{6}{+ 9}$  | $\frac{9}{+ 9}$  | $\frac{4}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{8}{+ 9}$ |
| $\frac{11}{ }$   | $\frac{16}{ }$   | $\frac{12}{ }$  | $\frac{14}{ }$  | $\frac{10}{ }$   | $\frac{15}{ }$   | $\frac{18}{ }$   | $\frac{13}{ }$   | $\frac{19}{ }$   | $\frac{17}{ }$  |
| $\frac{7}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{6}{+ 9}$ | $\frac{9}{+ 9}$ | $\frac{3}{+ 9}$  | $\frac{4}{+ 9}$  | $\frac{5}{+ 9}$  | $\frac{1}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{2}{+ 9}$ |
| $\frac{16}{ }$   | $\frac{19}{ }$   | $\frac{15}{ }$  | $\frac{18}{ }$  | $\frac{12}{ }$   | $\frac{13}{ }$   | $\frac{14}{ }$   | $\frac{10}{ }$   | $\frac{17}{ }$   | $\frac{11}{ }$  |
| $\frac{10}{+ 9}$ | $\frac{3}{+ 9}$  | $\frac{4}{+ 9}$ | $\frac{8}{+ 9}$ | $\frac{2}{+ 9}$  | $\frac{1}{+ 9}$  | $\frac{6}{+ 9}$  | $\frac{7}{+ 9}$  | $\frac{9}{+ 9}$  | $\frac{5}{+ 9}$ |
| $\frac{19}{ }$   | $\frac{12}{ }$   | $\frac{13}{ }$  | $\frac{17}{ }$  | $\frac{11}{ }$   | $\frac{10}{ }$   | $\frac{15}{ }$   | $\frac{16}{ }$   | $\frac{18}{ }$   | $\frac{14}{ }$  |
| $\frac{9}{+ 9}$  | $\frac{4}{+ 9}$  | $\frac{2}{+ 9}$ | $\frac{5}{+ 9}$ | $\frac{6}{+ 9}$  | $\frac{3}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{7}{+ 9}$  | $\frac{1}{+ 9}$ |
| $\frac{18}{ }$   | $\frac{13}{ }$   | $\frac{11}{ }$  | $\frac{14}{ }$  | $\frac{15}{ }$   | $\frac{12}{ }$   | $\frac{17}{ }$   | $\frac{19}{ }$   | $\frac{16}{ }$   | $\frac{10}{ }$  |
| $\frac{5}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{3}{+ 9}$ | $\frac{1}{+ 9}$ | $\frac{6}{+ 9}$  | $\frac{2}{+ 9}$  | $\frac{9}{+ 9}$  | $\frac{7}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{4}{+ 9}$ |
| $\frac{14}{ }$   | $\frac{17}{ }$   | $\frac{12}{ }$  | $\frac{10}{ }$  | $\frac{15}{ }$   | $\frac{11}{ }$   | $\frac{18}{ }$   | $\frac{16}{ }$   | $\frac{19}{ }$   | $\frac{13}{ }$  |



## Addition Drills (9s)

Name:

**Solve each problem.**

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

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

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

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

$$+ \begin{array}{c} 9 \\ 2 \end{array} \quad + \begin{array}{c} 9 \\ 4 \end{array} \quad + \begin{array}{c} 9 \\ 10 \end{array} \quad + \begin{array}{c} 9 \\ 6 \end{array} \quad + \begin{array}{c} 9 \\ 7 \end{array} \quad + \begin{array}{c} 9 \\ 5 \end{array} \quad + \begin{array}{c} 9 \\ 3 \end{array} \quad + \begin{array}{c} 9 \\ 9 \end{array} \quad + \begin{array}{c} 9 \\ 1 \end{array} \quad + \begin{array}{c} 9 \\ 8 \end{array}$$

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

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

9            8            7            4            6            3            10            2            1            5

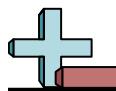


## Addition Drills (9s)

Name: **Answer Key**

Solve each problem.

|                 |                 |                  |                 |                  |                 |                  |                  |                  |                 |
|-----------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|------------------|------------------|-----------------|
| $\frac{9}{+ 5}$ | $\frac{9}{+ 6}$ | $\frac{9}{+ 3}$  | $\frac{9}{+ 1}$ | $\frac{9}{+ 9}$  | $\frac{9}{+ 2}$ | $\frac{9}{+ 10}$ | $\frac{9}{+ 8}$  | $\frac{9}{+ 4}$  | $\frac{9}{+ 7}$ |
| $\frac{14}{15}$ | $\frac{15}{12}$ | $\frac{12}{10}$  | $\frac{10}{18}$ | $\frac{18}{11}$  | $\frac{11}{16}$ | $\frac{19}{19}$  | $\frac{17}{13}$  | $\frac{13}{16}$  | $\frac{16}{16}$ |
| $\frac{9}{+ 9}$ | $\frac{9}{+ 1}$ | $\frac{9}{+ 8}$  | $\frac{9}{+ 3}$ | $\frac{9}{+ 2}$  | $\frac{9}{+ 7}$ | $\frac{9}{+ 10}$ | $\frac{9}{+ 6}$  | $\frac{9}{+ 4}$  | $\frac{9}{+ 5}$ |
| $\frac{18}{10}$ | $\frac{10}{17}$ | $\frac{17}{12}$  | $\frac{12}{11}$ | $\frac{11}{16}$  | $\frac{16}{19}$ | $\frac{19}{15}$  | $\frac{15}{13}$  | $\frac{13}{14}$  | $\frac{14}{14}$ |
| $\frac{9}{+ 2}$ | $\frac{9}{+ 5}$ | $\frac{9}{+ 8}$  | $\frac{9}{+ 1}$ | $\frac{9}{+ 9}$  | $\frac{9}{+ 4}$ | $\frac{9}{+ 7}$  | $\frac{9}{+ 6}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 3}$ |
| $\frac{11}{14}$ | $\frac{14}{17}$ | $\frac{17}{10}$  | $\frac{10}{18}$ | $\frac{18}{13}$  | $\frac{13}{16}$ | $\frac{16}{15}$  | $\frac{15}{19}$  | $\frac{19}{19}$  | $\frac{12}{12}$ |
| $\frac{9}{+ 3}$ | $\frac{9}{+ 2}$ | $\frac{9}{+ 10}$ | $\frac{9}{+ 8}$ | $\frac{9}{+ 5}$  | $\frac{9}{+ 6}$ | $\frac{9}{+ 4}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 7}$ |
| $\frac{12}{11}$ | $\frac{11}{19}$ | $\frac{19}{17}$  | $\frac{17}{14}$ | $\frac{14}{15}$  | $\frac{15}{13}$ | $\frac{13}{10}$  | $\frac{10}{18}$  | $\frac{18}{16}$  | $\frac{16}{16}$ |
| $\frac{9}{+ 2}$ | $\frac{9}{+ 4}$ | $\frac{9}{+ 10}$ | $\frac{9}{+ 6}$ | $\frac{9}{+ 7}$  | $\frac{9}{+ 5}$ | $\frac{9}{+ 3}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 8}$ |
| $\frac{11}{13}$ | $\frac{13}{19}$ | $\frac{19}{15}$  | $\frac{15}{16}$ | $\frac{16}{14}$  | $\frac{14}{12}$ | $\frac{12}{18}$  | $\frac{18}{10}$  | $\frac{10}{17}$  | $\frac{17}{17}$ |
| $\frac{8}{+ 9}$ | $\frac{9}{+ 9}$ | $\frac{5}{+ 9}$  | $\frac{7}{+ 9}$ | $\frac{10}{+ 9}$ | $\frac{6}{+ 9}$ | $\frac{4}{+ 9}$  | $\frac{3}{+ 9}$  | $\frac{1}{+ 9}$  | $\frac{2}{+ 9}$ |
| $\frac{17}{18}$ | $\frac{18}{14}$ | $\frac{14}{16}$  | $\frac{16}{19}$ | $\frac{19}{15}$  | $\frac{15}{15}$ | $\frac{13}{13}$  | $\frac{12}{12}$  | $\frac{10}{10}$  | $\frac{11}{11}$ |
| $\frac{2}{+ 9}$ | $\frac{7}{+ 9}$ | $\frac{9}{+ 9}$  | $\frac{1}{+ 9}$ | $\frac{3}{+ 9}$  | $\frac{8}{+ 9}$ | $\frac{4}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{5}{+ 9}$  | $\frac{6}{+ 9}$ |
| $\frac{11}{16}$ | $\frac{16}{18}$ | $\frac{18}{10}$  | $\frac{10}{12}$ | $\frac{12}{17}$  | $\frac{17}{13}$ | $\frac{13}{19}$  | $\frac{19}{14}$  | $\frac{9}{14}$   | $\frac{9}{15}$  |
| $\frac{5}{+ 9}$ | $\frac{6}{+ 9}$ | $\frac{9}{+ 9}$  | $\frac{2}{+ 9}$ | $\frac{1}{+ 9}$  | $\frac{7}{+ 9}$ | $\frac{4}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{3}{+ 9}$ |
| $\frac{14}{15}$ | $\frac{15}{18}$ | $\frac{18}{11}$  | $\frac{11}{10}$ | $\frac{10}{16}$  | $\frac{16}{13}$ | $\frac{13}{17}$  | $\frac{17}{19}$  | $\frac{9}{19}$   | $\frac{9}{12}$  |
| $\frac{2}{+ 9}$ | $\frac{7}{+ 9}$ | $\frac{4}{+ 9}$  | $\frac{1}{+ 9}$ | $\frac{8}{+ 9}$  | $\frac{6}{+ 9}$ | $\frac{10}{+ 9}$ | $\frac{3}{+ 9}$  | $\frac{5}{+ 9}$  | $\frac{9}{+ 9}$ |
| $\frac{11}{16}$ | $\frac{16}{13}$ | $\frac{13}{10}$  | $\frac{10}{17}$ | $\frac{17}{15}$  | $\frac{15}{19}$ | $\frac{19}{12}$  | $\frac{12}{14}$  | $\frac{9}{14}$   | $\frac{9}{18}$  |
| $\frac{9}{+ 9}$ | $\frac{8}{+ 9}$ | $\frac{7}{+ 9}$  | $\frac{4}{+ 9}$ | $\frac{6}{+ 9}$  | $\frac{3}{+ 9}$ | $\frac{10}{+ 9}$ | $\frac{2}{+ 9}$  | $\frac{1}{+ 9}$  | $\frac{5}{+ 9}$ |
| $\frac{18}{17}$ | $\frac{17}{16}$ | $\frac{16}{13}$  | $\frac{13}{10}$ | $\frac{10}{15}$  | $\frac{15}{12}$ | $\frac{12}{19}$  | $\frac{19}{11}$  | $\frac{10}{10}$  | $\frac{14}{14}$ |



## Addition Drills (9s)

Name:

## Solve each problem.

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

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

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

$$9 \quad 9 \quad 9$$

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

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

5            1            3            4            10            7            9            2            8            6



## Addition Drills (9s)

Name: **Answer Key**

Solve each problem.

|                  |                 |                  |                  |                  |                  |                  |                  |                  |                  |
|------------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| $\frac{9}{+ 1}$  | $\frac{9}{+ 9}$ | $\frac{9}{+ 5}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 7}$  | $\frac{9}{+ 4}$  | $\frac{9}{+ 8}$  | $\frac{9}{+ 3}$  | $\frac{9}{+ 2}$  | $\frac{9}{+ 6}$  |
| $\frac{10}{18}$  | $\frac{18}{14}$ | $\frac{14}{19}$  | $\frac{19}{16}$  | $\frac{16}{13}$  | $\frac{13}{17}$  | $\frac{17}{12}$  | $\frac{12}{11}$  | $\frac{11}{15}$  | $\frac{15}{10}$  |
| $\frac{9}{+ 4}$  | $\frac{9}{+ 3}$ | $\frac{9}{+ 9}$  | $\frac{9}{+ 8}$  | $\frac{9}{+ 6}$  | $\frac{9}{+ 7}$  | $\frac{9}{+ 2}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 5}$  |
| $\frac{13}{12}$  | $\frac{12}{18}$ | $\frac{18}{17}$  | $\frac{17}{15}$  | $\frac{15}{16}$  | $\frac{16}{11}$  | $\frac{11}{10}$  | $\frac{10}{19}$  | $\frac{19}{14}$  | $\frac{14}{13}$  |
| $\frac{9}{+ 8}$  | $\frac{9}{+ 2}$ | $\frac{9}{+ 9}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 1}$  | $\frac{9}{+ 7}$  | $\frac{9}{+ 5}$  | $\frac{9}{+ 4}$  | $\frac{9}{+ 6}$  | $\frac{9}{+ 3}$  |
| $\frac{17}{11}$  | $\frac{11}{18}$ | $\frac{18}{19}$  | $\frac{19}{10}$  | $\frac{10}{16}$  | $\frac{16}{14}$  | $\frac{14}{13}$  | $\frac{13}{15}$  | $\frac{15}{12}$  | $\frac{12}{13}$  |
| $\frac{9}{+ 2}$  | $\frac{9}{+ 7}$ | $\frac{9}{+ 8}$  | $\frac{9}{+ 5}$  | $\frac{9}{+ 1}$  | $\frac{9}{+ 6}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 4}$  | $\frac{9}{+ 3}$  |
| $\frac{11}{16}$  | $\frac{16}{17}$ | $\frac{17}{14}$  | $\frac{14}{10}$  | $\frac{10}{15}$  | $\frac{15}{18}$  | $\frac{18}{19}$  | $\frac{19}{13}$  | $\frac{13}{12}$  | $\frac{12}{13}$  |
| $\frac{9}{+ 8}$  | $\frac{9}{+ 3}$ | $\frac{9}{+ 7}$  | $\frac{9}{+ 9}$  | $\frac{9}{+ 2}$  | $\frac{9}{+ 4}$  | $\frac{9}{+ 10}$ | $\frac{9}{+ 5}$  | $\frac{9}{+ 6}$  | $\frac{9}{+ 1}$  |
| $\frac{17}{12}$  | $\frac{12}{16}$ | $\frac{16}{18}$  | $\frac{18}{11}$  | $\frac{11}{13}$  | $\frac{13}{19}$  | $\frac{19}{14}$  | $\frac{14}{15}$  | $\frac{15}{10}$  | $\frac{10}{11}$  |
| $\frac{7}{+ 9}$  | $\frac{4}{+ 9}$ | $\frac{9}{+ 9}$  | $\frac{1}{+ 9}$  | $\frac{6}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{8}{+ 9}$  | $\frac{2}{+ 9}$  | $\frac{5}{+ 9}$  | $\frac{3}{+ 9}$  |
| $\frac{16}{13}$  | $\frac{13}{18}$ | $\frac{18}{10}$  | $\frac{10}{15}$  | $\frac{15}{19}$  | $\frac{19}{17}$  | $\frac{17}{11}$  | $\frac{11}{14}$  | $\frac{14}{12}$  | $\frac{12}{13}$  |
| $\frac{10}{+ 9}$ | $\frac{6}{+ 9}$ | $\frac{2}{+ 9}$  | $\frac{7}{+ 9}$  | $\frac{9}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{4}{+ 9}$  | $\frac{3}{+ 9}$  | $\frac{1}{+ 9}$  | $\frac{5}{+ 9}$  |
| $\frac{19}{15}$  | $\frac{15}{11}$ | $\frac{11}{16}$  | $\frac{16}{18}$  | $\frac{18}{17}$  | $\frac{17}{13}$  | $\frac{13}{12}$  | $\frac{12}{10}$  | $\frac{10}{14}$  | $\frac{14}{14}$  |
| $\frac{6}{+ 9}$  | $\frac{2}{+ 9}$ | $\frac{10}{+ 9}$ | $\frac{5}{+ 9}$  | $\frac{9}{+ 9}$  | $\frac{3}{+ 9}$  | $\frac{1}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{4}{+ 9}$  | $\frac{7}{+ 9}$  |
| $\frac{15}{11}$  | $\frac{11}{19}$ | $\frac{19}{14}$  | $\frac{14}{18}$  | $\frac{18}{12}$  | $\frac{12}{10}$  | $\frac{10}{17}$  | $\frac{17}{13}$  | $\frac{13}{13}$  | $\frac{16}{16}$  |
| $\frac{5}{+ 9}$  | $\frac{1}{+ 9}$ | $\frac{3}{+ 9}$  | $\frac{4}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{7}{+ 9}$  | $\frac{9}{+ 9}$  | $\frac{2}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{6}{+ 9}$  |
| $\frac{14}{10}$  | $\frac{9}{+ 9}$ | $\frac{12}{+ 9}$ | $\frac{13}{+ 9}$ | $\frac{19}{+ 9}$ | $\frac{16}{+ 9}$ | $\frac{18}{+ 9}$ | $\frac{11}{+ 9}$ | $\frac{17}{+ 9}$ | $\frac{15}{+ 9}$ |
| $\frac{3}{+ 9}$  | $\frac{5}{+ 9}$ | $\frac{6}{+ 9}$  | $\frac{8}{+ 9}$  | $\frac{7}{+ 9}$  | $\frac{2}{+ 9}$  | $\frac{9}{+ 9}$  | $\frac{10}{+ 9}$ | $\frac{1}{+ 9}$  | $\frac{4}{+ 9}$  |
| $\frac{12}{14}$  | $\frac{14}{15}$ | $\frac{15}{15}$  | $\frac{17}{17}$  | $\frac{16}{16}$  | $\frac{11}{11}$  | $\frac{18}{18}$  | $\frac{19}{19}$  | $\frac{10}{10}$  | $\frac{13}{13}$  |