$$1 + 1$$

$$1 + 2$$

$$1 + 3$$

$$\begin{array}{r} 1 \\ + \ 4 \\ \hline \end{array} \qquad \begin{array}{r} 1 \\ + \ 5 \\ \hline \end{array} \qquad \begin{array}{r} 1 \\ + \ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +\ 1 \\ \hline \end{array} \qquad \begin{array}{r} 8 \\ +\ 1 \\ \hline \end{array} \qquad \begin{array}{r} 9 \\ +\ 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +\ 10 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +\ 11 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +\ 12 \\ \hline \end{array}$$

$$2 + 1$$

$$2 + 2$$

$$2 + 3$$

$$2 + 4 =$$

$$2 + 5 =$$

$$2 + 6 =$$

$$2 + 7 =$$

$$2 + 8 =$$

$$2 + 9 =$$

$$\begin{array}{r} 2 \\ +\ 10 \\ \hline \end{array} \qquad \begin{array}{r} 2 \\ +\ 11 \\ \hline \end{array} \qquad \begin{array}{r} 2 \\ +\ 12 \\ \hline \end{array}$$

$$3 + 1 =$$

$$3 + 2 =$$

$$3 + 3 =$$

$$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$$

$$3 + 7 =$$

$$3 + 8 =$$

$$3 + 9 =$$

$$\begin{array}{r} 3 \\ +\ 10 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +\ 11 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +\ 12 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 6 \\ \hline \end{array}$$

$$4 + 7 =$$

$$4 + 8 =$$

$$4 + 9 =$$

$$\begin{array}{r} 4 \\ +\ 10 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +\ 11 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +\ 12 \\ \hline \end{array}$$

$$5 + 1 = $$

$$5 + 2 = $$

$$5 + 3 = $$

$$\begin{array}{r} 5 \\ +\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +\ 6 \\ \hline \end{array}$$

$$5 + 7 =$$

$$5 + 8 =$$

$$5 + 9 =$$

$$5 + 10$$

$$5 + 11$$

$$5 + 12$$

$$6 + 1$$

$$6 + 2$$

$$6 + 3$$

$$9 + 4 =$$

$$9 + 5 =$$

$$9 + 6 =$$

$$\begin{array}{r} 9 \\ +\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +\ 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +\ 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +\ 10 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +\ 11 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +\ 12 \\ \hline \end{array}$$

$$7 + 1 =$$

$$7 + 2 =$$

$$7 + 3 =$$

$$\begin{array}{r} 7 \\ +\ 4 \\ \hline \end{array} \qquad \begin{array}{r} 7 \\ +\ 5 \\ \hline \end{array} \qquad \begin{array}{r} 7 \\ +\ 6 \\ \hline \end{array}$$

$$7 + 7 =$$

$$8 + 7 =$$

$$9 + 7 =$$

$$\begin{array}{r} 7 \\ +\ 10 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +\ 11 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +\ 12 \\ \hline \end{array}$$

$$8 + 1 =$$

$$8 + 2 =$$

$$8 + 3 =$$

$$8 + 4 =$$

$$8 + 5 =$$

$$8 + 6 =$$

8
+ 7
____

8
+ 8
____

8
+ 9
____

$$8 + 10 = $$

$$8 + 11 = $$

$$8 + 12 = $$

9
+ 1

9
+ 2

9
+ 3

$$9 + 4 =$$

$$9 + 5 =$$

$$9 + 6 =$$

$$9 + 7 =$$

$$9 + 8 =$$

$$9 + 9 =$$

```
   9        9        9
+ 10     + 11     + 12
----     ----     ----
```

$$10 + 1 = $$

$$10 + 2 = $$

$$10 + 3 = $$

$$\begin{array}{r} 10 \\ +\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ +\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ +\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ +\ 7 \\ \hline \end{array} \qquad \begin{array}{r} 10 \\ +\ 8 \\ \hline \end{array} \qquad \begin{array}{r} 10 \\ +\ 9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ +\ 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ +\ 11 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ +\ 12 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ +\ 1 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ +\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ +\ 3 \\ \hline \end{array}$$

$$11 + 4$$

$$11 + 5$$

$$11 + 6$$

$$11 + 7 =$$

$$11 + 8 =$$

$$11 + 9 =$$

$$11 + 10$$

$$11 + 11$$

$$11 + 12$$

```
  12        12        12
+  1      +  2      + 3
----      ----      ----
```

```
  12        12        12
+  4      +  5      +  6
----      ----      ----
```

$$12 + 7 =$$

$$12 + 8 =$$

$$12 + 9 =$$

$$\begin{array}{r} 12 \\ +\ 10 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ +\ 11 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ +\ 12 \\ \hline \end{array}$$