

**Arithmetics**  
**Many-digit number addition**  
**[calculator-algebra.org](http://calculator-algebra.org)**

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## Example

$$\begin{array}{r} + 35461 \\ 68072 \\ \hline \end{array}$$

## Example

$$\begin{array}{r} + \quad 35461 \\ \quad 68072 \\ \hline \quad \quad ? \end{array}$$

$$1 + 2 = ?$$

## Example

$$\begin{array}{r} 35461 \\ + 68072 \\ \hline 3 \end{array}$$

$$1 + 2 = 3$$

## Example

$$\begin{array}{r} 35461 \\ + 68072 \\ \hline 3 \end{array}$$

$$1 + 2 = 3$$

## Example

$$\begin{array}{r} \text{?} \\ 354\text{?}1 \\ + 680\text{?}2 \\ \hline \text{?}3 \end{array}$$

$$6 + 7 = \text{?}$$

## Example

$$\begin{array}{r}
 \phantom{+} \phantom{000} \overset{1}{\phantom{0}} \\
 354\mathbf{6}1 \\
 + 680\mathbf{7}2 \\
 \hline
 \phantom{000} \mathbf{33}
 \end{array}$$

$$6 + 7 = 13$$

## Example

$$\begin{array}{r} 1 \\ + 35461 \\ + 68072 \\ \hline \quad 33 \end{array}$$

$$6 + 7 = 13$$



## Example

$$\begin{array}{r} \phantom{+} \phantom{0000} \overset{1}{3}5461 \\ + \phantom{0000} 68072 \\ \hline \phantom{0000} \phantom{0000} 33 \end{array}$$

$$6 + 7 = \overset{1}{1}3$$





## Example

$$\begin{array}{r} 1 \\ + 35461 \\ + 68072 \\ \hline 533 \end{array}$$

$$1 + 4 + 0 = 5$$

## Example

$$\begin{array}{r}
 \textcolor{red}{?} \quad 1 \\
 3\textcolor{red}{5}461 \\
 + 6\textcolor{red}{8}072 \\
 \hline
 \textcolor{red}{?}533
 \end{array}$$

$$\textcolor{red}{5} + \textcolor{red}{8} = \textcolor{red}{?}$$

## Example

$$\begin{array}{r}
 \phantom{0}1 \phantom{0}1 \\
 3\color{red}{5}461 \\
 + 6\color{red}{8}072 \\
 \hline
 \phantom{0}3\color{red}{5}33
 \end{array}$$

$$\color{red}{5} + \color{red}{8} = \color{red}{13}$$

## Example

$$\begin{array}{r}
 \phantom{0}1 \phantom{0}1 \\
 35461 \\
 + 68072 \\
 \hline
 3533
 \end{array}$$

$$5 + 8 = 13$$

## Example

$$\begin{array}{r}
 \textcolor{red}{1} \quad 1 \\
 35461 \\
 + 68072 \\
 \hline
 3533
 \end{array}$$

$$5 + 8 = \textcolor{red}{1}3$$



## Example

$$\begin{array}{r}
 \textcolor{red}{?} \text{ } 1 \quad 1 \\
 + \quad 35461 \\
 \quad 68072 \\
 \hline
 \textcolor{red}{?} 3533
 \end{array}$$

$$\textcolor{red}{1} + \textcolor{red}{3} + \textcolor{red}{6} = \textcolor{red}{?}$$

## Example

$$\begin{array}{r}
 \phantom{+} \overset{1}{\phantom{+}} \overset{1}{\phantom{+}} \phantom{+} \overset{1}{\phantom{+}} \\
 \phantom{+} 35461 \\
 + 68072 \\
 \hline
 03533
 \end{array}$$

$$1 + 3 + 6 = 10$$



## Example

$$\begin{array}{r}
 \textcolor{red}{1} \text{ } 1 \text{ } 1 \\
 + \quad 35461 \\
 + \quad 68072 \\
 \hline
 03533
 \end{array}$$

$$1 + 3 + 6 = \textcolor{red}{1}0$$

## Example

$$\begin{array}{r} \phantom{+} \overset{1}{\phantom{0}} \overset{1}{\phantom{0}} \overset{1}{\phantom{0}} \\ 35461 \\ + 68072 \\ \hline 103533 \end{array}$$

## Example

$$\begin{array}{r} \phantom{+} 1 \phantom{0} 1 \phantom{0} 1 \\ + 35461 \\ 68072 \\ \hline 103533 \end{array}$$