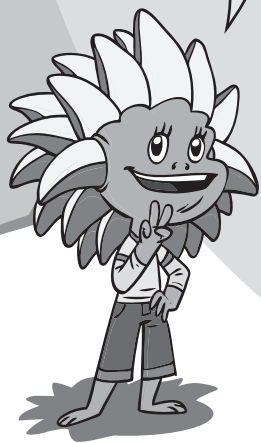


The algorithm works for adding more than two numbers, too.



**EXAMPLE** | Compute  $148 + 382 + 275$ .

We stack the addition so that the place values line up. Then, we add each place value the same way we do when adding two numbers.

Add the ones.	Add the tens.	Add the hundreds.
$\begin{array}{r} 1 \\ 148 \\ 382 \\ + 275 \\ \hline 5 \end{array}$	$\begin{array}{r} 21 \\ 148 \\ 382 \\ + 275 \\ \hline 05 \end{array}$	$\begin{array}{r} 21 \\ 148 \\ 382 \\ + 275 \\ \hline 805 \end{array}$

So,  $148 + 382 + 275 = 805$ .

**PRACTICE** | Compute each sum below.

47. 
$$\begin{array}{r} 84 \\ 33 \\ + 71 \\ \hline \square \square \square \end{array}$$

48. 
$$\begin{array}{r} 349 \\ 258 \\ + 67 \\ \hline \square \square \square \end{array}$$

49. 
$$\begin{array}{r} 841 \\ 358 \\ + 934 \\ \hline \square, \square \square \square \end{array}$$

50. 
$$\begin{array}{r} 651 \\ 525 \\ + 74 \\ \hline \square, \square \square \square \end{array}$$

51. 
$$\begin{array}{r} 381 \\ 569 \\ + 752 \\ \hline \square, \square \square \square \end{array}$$

52. 
$$\begin{array}{r} 456 \\ 777 \\ + 149 \\ \hline \square, \square \square \square \end{array}$$

**PRACTICE** | Compute each sum below.

53.  $59 + 82 + 16 + 37 =$  \_\_\_\_\_

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

54.  $742 + 5,389 + 67 =$  \_\_\_\_\_

$$\begin{array}{r}
 \square, \square \square \square \\
 + \square \square \square \\
 \hline
 \square, \square \square \square
 \end{array}$$

55.  $531 + 284 + 672 =$  \_\_\_\_\_

56.  $807 + 1,049 + 425 =$  \_\_\_\_\_

*Need more practice? Print more problems at [BeastAcademy.com](https://www.beastacademy.com)!*

**EXAMPLE**

Fill the blanks using the digits 2, 3, 5, and 7 once each to give a correct sum.

$$\begin{array}{r} \square 3 \\ 96 \\ + 6 \square \\ \hline \square \square 4 \end{array}$$

In the ones column, since  $3+6+\square=14$ , the missing ones digit is **5**. We also place 1 more ten in the tens column.

The largest sum we can get in the tens column is  $1+7+9+6=23$ . So, the hundreds digit of the sum is 1 or 2.

Only 2 is in the list of missing digits, so the hundreds digit of the sum is **2**.

The remaining digits are 3 and 7.

In the tens column, only  $1+\square+9+6=2\square$  gives a true statement, so we place the **7** and the **3** as shown.

Check:  $73+96+65=234$ . ✓

$$\begin{array}{r} | \\ \square 3 \\ 96 \\ + 6 \square \\ \hline \square \square 4 \end{array}$$

$$\begin{array}{r} | \\ \square 3 \\ 96 \\ + 6 \square \\ \hline \square \square 4 \end{array}$$

**PRACTICE**

For each problem below, use the given digits once each to fill the blanks and give a correct sum.

57. Missing digits: 1, 5, 6

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

58. Missing digits: 0, 4, 6

$$\begin{array}{r} 1 \square 4 \\ + 5 \square \\ \hline 20 \square \end{array}$$

**PRACTICE**

For each problem below, use the given digits once each to fill the blanks and give a correct sum.

59. **Missing digits:** 0, 1, 8, 9

$$\begin{array}{r} 34\ \square \\ + 553 \\ \hline \square\square\square \end{array}$$

60. **Missing digits:** 4, 5, 8, 9

$$\begin{array}{r} 14\ \square \\ + 3\square 7 \\ \hline \square\square 5 \end{array}$$

61. **Missing digits:** 1, 2, 3, 8, 9

$$\begin{array}{r} 81\ \square \\ + \square\square 5 \\ \hline \square 4\square \end{array}$$

62. **Missing digits:** 0, 2, 3, 8, 9  
★

$$\begin{array}{r} \square, 62\ \square \\ + 2, 7\square 1 \\ \hline 1\square, 4\square 4 \end{array}$$

63. **Missing digits:** 0, 1, 2, 6, 7  
★

$$\begin{array}{r} 5\square 6 \\ 15\square \\ + \square 46 \\ \hline \square, 46\square \end{array}$$

64. **Missing digits:** 0, 2, 4, 5, 8  
★

$$\begin{array}{r} \square, 029 \\ 6, 19\square \\ + 1, 1\square 1 \\ \hline 1\square, 4\square 4 \end{array}$$