

# Partial Sums

## Example

$\begin{array}{r} 2,345 \\ +1,234 \\ \hline \square \\ \square \\ \square \\ + \square \\ \hline \end{array}$	$\begin{array}{r} 2,345 \\ +1,234 \\ \hline 3,000 \\ \square \\ \square \\ + \square \\ \hline \end{array}$ <p style="text-align: center; color: blue;"><math>3,000 = 2,000 + 1,000</math></p>	$\begin{array}{r} 2,345 \\ +1,234 \\ \hline 3,000 \\ 500 \\ \square \\ + \square \\ \hline \end{array}$ <p style="text-align: center; color: blue;"><math>3,000 = 2,000 + 1,000</math> <math>500 = 300 + 200</math></p>	$\begin{array}{r} 2,345 \\ +1,234 \\ \hline 3,000 \\ 500 \\ 70 \\ + \square \\ \hline \end{array}$ <p style="text-align: center; color: blue;"><math>3,000 = 2,000 + 1,000</math> <math>500 = 300 + 200</math> <math>70 = 40 + 30</math></p>	$\begin{array}{r} 2,345 \\ +1,234 \\ \hline 3,000 \\ 500 \\ 70 \\ 9 \\ \hline 3,579 \end{array}$ <p style="text-align: center; color: blue;"><math>3,000 = 2,000 + 1,000</math> <math>500 = 300 + 200</math> <math>70 = 40 + 30</math> <math>9 = 5 + 4</math></p>
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Solve using partial sums.

a. 
$$\begin{array}{r} 2,584 \\ +1,961 \\ \hline \square \\ \square \\ \square \\ + \square \\ \hline \end{array}$$

b. 
$$\begin{array}{r} 6,124 \\ +2,756 \\ \hline \square \\ \square \\ \square \\ + \square \\ \hline \end{array}$$

c. 
$$\begin{array}{r} 3,179 \\ +2,816 \\ \hline \square \\ \square \\ \square \\ + \square \\ \hline \end{array}$$

d. 
$$\begin{array}{r} 5,423 \\ +1,885 \\ \hline \square \\ \square \\ \square \\ + \square \\ \hline \end{array}$$

e. 
$$\begin{array}{r} 3,525 \\ +4,197 \\ \hline \square \\ \square \\ \square \\ + \square \\ \hline \end{array}$$

f. 
$$\begin{array}{r} 7,164 \\ +1,941 \\ \hline \square \\ \square \\ \square \\ + \square \\ \hline \end{array}$$

## Partial Sums

Solve using partial sums.

a. 
$$\begin{array}{r} 2,584 \\ +1,961 \\ \hline \end{array}$$

$$\boxed{3,000} = 2,000 + 1,000$$

$$\boxed{1,400} = 500 + 900$$

$$\boxed{140} = 80 + 60$$

$$+ \boxed{5} = 4 + 1$$

$$\hline 4,545$$

b. 
$$\begin{array}{r} 6,124 \\ +2,756 \\ \hline \end{array}$$

$$\boxed{8,000} = 6,000 + 2,000$$

$$\boxed{800} = 100 + 700$$

$$\boxed{70} = 20 + 50$$

$$+ \boxed{10} = 4 + 6$$

$$\hline 8,880$$

c. 
$$\begin{array}{r} 3,179 \\ +2,816 \\ \hline \end{array}$$

$$\boxed{5,000} = 3,000 + 2,000$$

$$\boxed{900} = 100 + 800$$

$$\boxed{80} = 70 + 10$$

$$+ \boxed{15} = 9 + 6$$

$$\hline 5,995$$

d. 
$$\begin{array}{r} 5,423 \\ +1,885 \\ \hline \end{array}$$

$$\boxed{6,000} = 5,000 + 1,000$$

$$\boxed{1,200} = 400 + 800$$

$$\boxed{100} = 20 + 80$$

$$+ \boxed{8} = 3 + 5$$

$$\hline 7,308$$

e. 
$$\begin{array}{r} 3,525 \\ +4,197 \\ \hline \end{array}$$

$$\boxed{7,000} = 3,000 + 4,000$$

$$\boxed{600} = 500 + 100$$

$$\boxed{110} = 20 + 90$$

$$+ \boxed{12} = 5 + 7$$

$$\hline 7,722$$

f. 
$$\begin{array}{r} 7,164 \\ +1,941 \\ \hline \end{array}$$

$$\boxed{8,000} = 7,000 + 1,000$$

$$\boxed{1,000} = 100 + 900$$

$$\boxed{100} = 60 + 40$$

$$+ \boxed{5} = 4 + 1$$

$$\hline 9,105$$