

Partial Sums

Example

$$\begin{array}{r} 34 \\ +12 \\ \hline \square \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ +12 \\ \hline 40 \\ + \square \\ \hline \end{array} = 30 + 10$$

$$\begin{array}{r} 34 \\ +12 \\ \hline 40 \\ + 6 \\ \hline \end{array} = 30 + 10$$

$$= 4 + 2$$

$$\begin{array}{r} 34 \\ +12 \\ \hline 40 \\ + 6 \\ \hline 46 \end{array} = 30 + 10$$

$$= 4 + 2$$

Solve using partial sums.

a.

$$\begin{array}{r} 86 \\ +41 \\ \hline \square \\ + \square \\ \hline \end{array}$$

b.

$$\begin{array}{r} 17 \\ +54 \\ \hline \square \\ + \square \\ \hline \end{array}$$

c.

$$\begin{array}{r} 63 \\ +39 \\ \hline \square \\ + \square \\ \hline \end{array}$$

d.

$$\begin{array}{r} 72 \\ +38 \\ \hline \square \\ + \square \\ \hline \end{array}$$

e.

$$\begin{array}{r} 27 \\ +45 \\ \hline \square \\ + \square \\ \hline \end{array}$$

f.

$$\begin{array}{r} 97 \\ +16 \\ \hline \square \\ + \square \\ \hline \end{array}$$

g.

$$\begin{array}{r} 36 \\ +29 \\ \hline \square \\ + \square \\ \hline \end{array}$$

h.

$$\begin{array}{r} 77 \\ +18 \\ \hline \square \\ + \square \\ \hline \end{array}$$

i.

$$\begin{array}{r} 58 \\ +53 \\ \hline \square \\ + \square \\ \hline \end{array}$$

Partial Sums

Solve using partial sums.

$$\begin{array}{r}
 \text{a. } 86 \\
 + 41 \\
 \hline
 \boxed{120} = 80 + 40 \\
 + \boxed{7} = 6 + 1 \\
 \hline
 127
 \end{array}$$

$$\begin{array}{r}
 \text{b. } 17 \\
 + 54 \\
 \hline
 \boxed{60} = 10 + 50 \\
 + \boxed{11} = 7 + 4 \\
 \hline
 71
 \end{array}$$

$$\begin{array}{r}
 \text{c. } 63 \\
 + 39 \\
 \hline
 \boxed{90} = 60 + 30 \\
 + \boxed{12} = 3 + 9 \\
 \hline
 102
 \end{array}$$

$$\begin{array}{r}
 \text{d. } 72 \\
 + 38 \\
 \hline
 \boxed{100} = 70 + 30 \\
 + \boxed{10} = 2 + 8 \\
 \hline
 110
 \end{array}$$

$$\begin{array}{r}
 \text{e. } 27 \\
 + 45 \\
 \hline
 \boxed{60} = 20 + 40 \\
 + \boxed{12} = 7 + 5 \\
 \hline
 72
 \end{array}$$

$$\begin{array}{r}
 \text{f. } 97 \\
 + 16 \\
 \hline
 \boxed{100} = 90 + 10 \\
 + \boxed{13} = 7 + 6 \\
 \hline
 113
 \end{array}$$

$$\begin{array}{r}
 \text{g. } 36 \\
 + 29 \\
 \hline
 \boxed{50} = 30 + 20 \\
 + \boxed{15} = 6 + 9 \\
 \hline
 65
 \end{array}$$

$$\begin{array}{r}
 \text{h. } 77 \\
 + 18 \\
 \hline
 \boxed{80} = 70 + 10 \\
 + \boxed{15} = 7 + 8 \\
 \hline
 95
 \end{array}$$

$$\begin{array}{r}
 \text{i. } 58 \\
 + 53 \\
 \hline
 \boxed{100} = 50 + 50 \\
 + \boxed{11} = 8 + 3 \\
 \hline
 111
 \end{array}$$