

Dealing with Negatives 2 - Solutions

$$\begin{aligned}
 & -6 + (-41) - (-89) + 92 - (-61) \\
 & = -6 - 41 + 89 + 92 + 61 \\
 & = (89 + 92 + 61) - (6 + 41) \\
 & = 242 - 47 \\
 & = 195
 \end{aligned}$$

$$\begin{array}{r}
 \begin{array}{r}
 \overset{2}{8}9 \\
 92 \\
 + 61 \\
 \hline
 242
 \end{array}
 \quad
 \begin{array}{r}
 41 \\
 + 6 \\
 \hline
 47
 \end{array}
 \quad
 \begin{array}{r}
 \overset{1}{2}\overset{3}{4}2 \\
 - 47 \\
 \hline
 195
 \end{array}
 \end{array}$$

$$\begin{aligned}
 & -7 - (-19) + (-2) + 51 - 84 \\
 & = -7 + 19 - 2 + 51 - 84 \\
 & = (19 + 51) - (7 + 2 + 84) \\
 & = 70 - 93 \\
 & = -23
 \end{aligned}$$

$$\begin{array}{r}
 \begin{array}{r}
 \overset{1}{1}9 \\
 + 51 \\
 \hline
 70
 \end{array}
 \quad
 \begin{array}{r}
 \overset{1}{7} \\
 2 \\
 + 84 \\
 \hline
 93
 \end{array}
 \quad
 \begin{array}{r}
 93 \\
 - 70 \\
 \hline
 23
 \end{array}
 \end{array}$$

$$\begin{aligned}
 & -2 - 57 - (-29) - (-78) - (-18) \\
 & = -2 - 57 + 29 + 78 + 18 \\
 & = (29 + 78 + 18) - (2 + 57) \\
 & = 125 - 59 \\
 & = 66
 \end{aligned}$$

$$\begin{array}{r}
 \begin{array}{r}
 \overset{1}{2}9 \\
 78 \\
 + 18 \\
 \hline
 125
 \end{array}
 \quad
 \begin{array}{r}
 57 \\
 + 2 \\
 \hline
 59
 \end{array}
 \quad
 \begin{array}{r}
 \overset{0}{1}\overset{1}{2}5 \\
 - 59 \\
 \hline
 66
 \end{array}
 \end{array}$$

$$\begin{aligned}
 & (-11) + 47 + 99 - (-25) \\
 & = -11 + 47 + 99 + 25 \\
 & = (47 + 99 + 25) - 11 \\
 & = 171 - 11 \\
 & = 160
 \end{aligned}$$

$$\begin{array}{r}
 \begin{array}{r}
 \overset{1}{4}7 \\
 99 \\
 + 25 \\
 \hline
 171
 \end{array}
 \quad
 \begin{array}{r}
 171 \\
 - 11 \\
 \hline
 160
 \end{array}
 \end{array}$$

$$\begin{aligned}
 & -8 - (-19) - 22 - (-39) - 42 \\
 & = -8 + 19 - 22 + 39 - 42 \\
 & = (19 + 39) - (8 + 22 + 42) \\
 & = 58 - 72 \\
 & = -14
 \end{aligned}$$

$$\begin{array}{r}
 \begin{array}{r}
 \overset{1}{1}9 \\
 + 39 \\
 \hline
 58
 \end{array}
 \quad
 \begin{array}{r}
 \overset{1}{8} \\
 22 \\
 + 42 \\
 \hline
 72
 \end{array}
 \quad
 \begin{array}{r}
 \overset{6}{7}2 \\
 - 58 \\
 \hline
 14
 \end{array}
 \end{array}$$

$$\begin{aligned}
 & (-12) - (-48) + (-10) + (-81) + (-22) \\
 & = -12 + 48 - 10 - 81 - 22 \\
 & = 48 - (12 + 10 + 81 + 22) \\
 & = 48 - 125 \\
 & = -77
 \end{aligned}$$

$$\begin{array}{r}
 \begin{array}{r}
 \overset{1}{1}2 \\
 10 \\
 81 \\
 + 22 \\
 \hline
 125
 \end{array}
 \quad
 \begin{array}{r}
 \overset{0}{1}\overset{1}{2}5 \\
 - 48 \\
 \hline
 77
 \end{array}
 \end{array}$$

$$\begin{aligned}
 & 2 + 87 - 68 - (-81) - (-99) \\
 & = 2 + 87 - 68 + 81 + 99 \\
 & = (2 + 87 + 81 + 99) - 68 \\
 & = 269 - 68 \\
 & = 201
 \end{aligned}$$

$$\begin{array}{r}
 \begin{array}{r}
 \overset{2}{2}2 \\
 87 \\
 81 \\
 + 99 \\
 \hline
 269
 \end{array}
 \quad
 \begin{array}{r}
 269 \\
 - 68 \\
 \hline
 201
 \end{array}
 \end{array}$$