

# Dealing with Negatives 5

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$$\begin{aligned}
 -12 + (-79) + (-80) + 59 + (-82) &= \textcolor{red}{-194} \\
 = -12 - 79 - 80 + 59 - 82 & \\
 = 59 - (12 + 79 + 80 + 82) & \\
 = 59 - \textcolor{blue}{253} & \\
 = \textcolor{red}{-194} &
 \end{aligned}
 \quad
 \begin{array}{r}
 ^2\overset{1}{1}2 \\
 79 \\
 80 \\
 + 82 \\
 \hline
 \textcolor{blue}{253}
 \end{array}
 \quad
 \begin{array}{r}
 ^1\overset{4}{4}3 \\
 - 59 \\
 \hline
 \textcolor{red}{194}
 \end{array}$$

$$\begin{aligned}
 9 - 74 + 77 - (-58) + 74 &= \textcolor{red}{144} \\
 = 9 - 74 + 77 + 58 + 74 & \\
 = 9 + 77 + 58 + (74 - 74) & \\
 = 9 + 77 + 58 & \\
 = \textcolor{red}{144} &
 \end{aligned}
 \quad
 \begin{array}{r}
 ^1\overset{2}{2}7 \\
 58 \\
 + 9 \\
 \hline
 \textcolor{red}{144}
 \end{array}$$

$$\begin{aligned}
 -3 - 64 + 43 + 100 + 57 &= \textcolor{red}{133} \\
 = (43 + 100 + 57) - (3 + 64) & \\
 = \textcolor{blue}{200} - \textcolor{blue}{67} & \\
 = \textcolor{red}{133} &
 \end{aligned}
 \quad
 \begin{array}{r}
 ^1\overset{1}{1}00 \\
 57 \\
 + 43 \\
 \hline
 \textcolor{blue}{200}
 \end{array}
 \quad
 \begin{array}{r}
 64 \\
 + 3 \\
 \hline
 \textcolor{blue}{67}
 \end{array}
 \quad
 \begin{array}{r}
 ^1\overset{9}{9}00 \\
 - 67 \\
 \hline
 \textcolor{red}{133}
 \end{array}$$

$$\begin{aligned}
 -6 + 40 + 98 - (-94) + 71 &= \textcolor{red}{297} \\
 = -6 + 40 + 98 + 94 + 71 & \\
 = (40 + 98 + 94 + 71) - 6 & \\
 = \textcolor{blue}{303} - 6 & \\
 = \textcolor{red}{297} &
 \end{aligned}
 \quad
 \begin{array}{r}
 ^3\overset{1}{1}40 \\
 98 \\
 94 \\
 + 71 \\
 \hline
 \textcolor{blue}{303}
 \end{array}
 \quad
 \begin{array}{r}
 ^2\overset{9}{9}03 \\
 - 6 \\
 \hline
 \textcolor{red}{297}
 \end{array}$$

$$\begin{aligned}
 -9 + 7 + 1 - (-10) + 9 &= \textcolor{red}{18} \\
 = -9 + 7 + 1 + 10 + 9 & \\
 = 7 + 1 + 10 + (9 - 9) & \\
 = 7 + 1 + 10 & \\
 = \textcolor{red}{18} &
 \end{aligned}
 \quad
 \begin{array}{r}
 10 \\
 7 \\
 + 1 \\
 \hline
 \textcolor{red}{18}
 \end{array}$$

$$\begin{aligned}
 5 - 9 - 87 - (-53) &= \textcolor{red}{38} \\
 = 5 - 9 - 87 + 53 & \\
 = (5 + 53) - (9 + 87) & \\
 = \textcolor{blue}{58} - \textcolor{blue}{96} & \\
 = \textcolor{red}{38} &
 \end{aligned}
 \quad
 \begin{array}{r}
 53 \\
 + 5 \\
 \hline
 \textcolor{blue}{58}
 \end{array}
 \quad
 \begin{array}{r}
 ^1\overset{8}{8}7 \\
 + 9 \\
 \hline
 \textcolor{blue}{96}
 \end{array}
 \quad
 \begin{array}{r}
 ^8\overset{1}{1}96 \\
 - 58 \\
 \hline
 \textcolor{red}{38}
 \end{array}$$

$$\begin{aligned}
 5 - 57 + 31 - (-8) - 44 &= \textcolor{red}{-57} \\
 = 5 - 57 + 31 + 8 - 44 & \\
 = (5 + 31 + 8) - (57 + 44) & \\
 = \textcolor{blue}{44} - \textcolor{blue}{100} & \\
 = \textcolor{red}{-57} &
 \end{aligned}
 \quad
 \begin{array}{r}
 31 \\
 8 \\
 + 5 \\
 \hline
 \textcolor{blue}{44}
 \end{array}
 \quad
 \begin{array}{r}
 ^1\overset{1}{1}57 \\
 + 44 \\
 \hline
 \textcolor{blue}{101}
 \end{array}
 \quad
 \begin{array}{r}
 ^0\overset{9}{9}1 \\
 - 44 \\
 \hline
 \textcolor{red}{57}
 \end{array}$$