

MathFLIX CHALLENGE

Integer Computation-Rules (Algorithms)

Read the flow chart on the right. Add your own examples to show you understand the idea. Now use the flow chart to help solve the problems below.

Addition

$$\begin{array}{ll}
 +5 + +10 = \underline{\quad} & +5 + -10 = \underline{\quad} \\
 -5 + -10 = \underline{\quad} & -5 + +10 = \underline{\quad} \\
 +5 + +50 = \underline{\quad} & -12 + +2 = \underline{\quad} \\
 -5 + -40 = \underline{\quad} & +12 + -2 = \underline{\quad}
 \end{array}$$

Subtraction

$$\begin{array}{ll}
 -5 - -10 = \underline{\quad} & +5 - -10 = \underline{\quad} \\
 -5 + \underline{\quad} & +5 + \underline{\quad} \\
 +5 - +3 = \underline{\quad} & -12 - +2 = \underline{\quad} \\
 +5 + \underline{\quad} & -12 + \underline{\quad}
 \end{array}$$

Multiplication or Division

$$\begin{array}{ll}
 +5 \times +10 = \underline{\quad} & +5 \times -3 = \underline{\quad} \\
 -5 \times -10 = \underline{\quad} & -5 \times +4 = \underline{\quad} \\
 +10 \div +2 = \underline{\quad} & +10 \div -2 = \underline{\quad} \\
 -50 \div -5 = \underline{\quad} & -50 \div +5 = \underline{\quad}
 \end{array}$$

