Solving for General equations in one and two variables.

Order of operations:

\[
\frac{5}{4}x + 3 = 2
\]

\[
\frac{4}{5}x - \frac{2}{3} = \frac{1}{6}
\]

\[
3x + 7 - 6x = 9x - 5
\]

\[
2[3 - (4x + 5)] = 7 - 6(x + 1)
\]
Literal equations

\[ ax + by = c \text{, solve for } y \]

\[ \frac{1}{x} + \frac{1}{y} = \frac{1}{z} \text{, solve for } x \]

Absolute value equations

\[ |y + 2| = 5 \]

\[ |2y - 3| = 8 \]

\[ |2y - 3| = -8 \]

\[ 6 - 4|5y + 2| = -10 \]