

Solving is Order of Operations in Reverse

Work your way from FAR away from the variable to CLOSE to the variable!

$$\begin{array}{r}
 5C + 12 \\
 \hline
 11
 \end{array}
 -6 = 70$$

(4) move this last
 (3) move this 3rd
 (2) move this 2nd
 (1) move this 1st

Solving 2-step Equations Sec 2-3

You almost always save what step for last?

moving the coefficient

(the number nearest to the variable)

What do you move last?

$$8 - 4Q = 6$$

÷ by 4

$$\frac{M}{3} + 5 = 13$$

mult by 3

Solve each equation.

1.

$$56 = 4 - 5p$$

-4 -4

$$\begin{array}{r}
 52 = -5p \\
 \hline
 -5 \quad -5
 \end{array}$$

$$p = \frac{52}{-5} \text{ or } -10.4$$

2.

$$-w - 12 = -19$$

+12 +12

$$\begin{array}{r}
 -w = -7 \\
 \hline
 -1 \quad -1
 \end{array}$$

$$w = 7$$