

How to solve for y:

coefficient

constant term

$$3y + 5 = 26$$

STEP 1: GET RID OF THE CONSTANT TERM (THE NUMBER NOT TOUCHING THE VARIABLE) BY DOING THE OPPOSITE MATH OPERATION.

$$\begin{array}{r} 3y + 5 = 26 \\ -5 \quad -5 \\ \hline 3y = 21 \end{array}$$

STEP 2: GET RID OF THE COEFFICIENT (THE NUMBER TOUCHING THE VARIABLE) BY DOING THE OPPOSITE MATH OPERATION.

$$\begin{array}{r} 3y = 21 \\ \frac{3}{3} \quad \frac{21}{3} \\ \hline y = 7 \end{array}$$

What to do when a number is multiplying a set of brackets:

$$4 \times (n + 7) = 36$$

STEP 1: MULTIPLY NUMBER OUTSIDE OF THE BRACKETS WITH EVERYTHING INSIDE THE BRACKETS!

$$4n + 28 = 36$$

STEP 2: SOLVE FOR THE VARIABLE (SEE THE TOP OF THIS PAGE).