

1-STEP EQUATIONS

BROKEN DOWN INTO 3 SMALLER STEPS

STEP



Determine what operation is happening to the variable. Whatever that operation is, use its inverse (opposite) to get rid of the number.

ADDITION \longleftrightarrow SUBTRACTION

MULTIPLICATION \longleftrightarrow DIVISION

STEP



Use the number that is with the variable and perform the inverse operation from step 1. Make sure you do this to both sides of the equation to keep it balanced!

$$\begin{array}{rcl} x + 3 & = & 8 \\ - 3 & & - 3 \end{array}$$

STEP



The inverse operations cancel each other out leaving the variable by itself. Solve the problem on the other side of the equation to find your answer.

$$x = 5$$