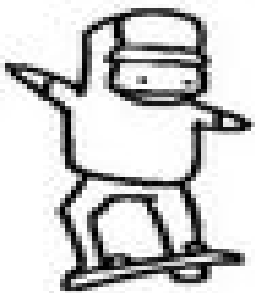


System of Equations

Substitution



STEP ONE:
Look at the Equations!

$$x + y = 0$$
$$2x + y = -8$$

Is there a variable isolated?

Yes

No

STEP TWO:
Substitute the equation with isolated variable into the other equation. Now solve for other variable.

ISOLATE A VARIABLE
Choose which variable is the easiest to isolate in one equation. Isolate equation. Then move to step two.

STEP THREE:
Substitute found variable into other equation and solve!

STEP FOUR:
Check the Solution!

$$x + y = 0$$
$$2x + y = -8$$

The solution is (,)