

Two Step Equations

(Integers)

When Solving a Two-Step Equation, remember to...

- Use Inverse Operations!!
- Isolate the Variable
 - 1) Add or Subtract
 - 2) Multiply or Divide



- What you do to one side, make sure you do to the other (You must keep the equation balanced!!)

Solve, and don't forget to show all of your work!

$$2w + 3 = 9$$

Checklist

- Adding or Subtract
- Multiply or Divide
- Check your work!!

Solve, and don't forget to show all of your work!

$$3p - 10 = 8$$

Checklist

- Adding or Subtract
- Multiply or Divide
- Check your work!!

Solve, and don't forget to show all of your work!

$$\frac{d}{4} - 9 = 3$$

Checklist

- Adding or Subtract
- Multiply or Divide
- Check your work!!

Solve and check your work!!

$$-y + 14 = -31$$

$$-2 + \frac{x}{7} = -9$$

Notes - Two Step Equations (Integers).notebook

How to Solve "Tricky" Two Step Equations

1) _____ first to eliminate the fraction.

$$\frac{3+k}{15} = 1$$

2) _____ or _____.

3) _____ or divide.

Solve.

$$\frac{b-9}{-14} = -3$$

$$-2 = \frac{x+4}{5}$$

How to Solve Two Step Equations with Radicals

Solve

$$x^2 + 4 = 13$$

$$x^3 - (-9) = 17$$

Attachments

PM2-8.pdf