One Step Equations

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Important	Kules	TOP	Solvina	Eduations

- When you solve an equation, your goal is to get the _____ alone by itself on one side of the equation. In other words, you are trying to _____ the variable.

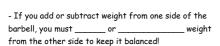
- When you are solving for a variable, you MUST use inverse

- Draw a line to separate both sides of the equation.

Important Rules for Solving Equations (Continued)

- Whatever you do to ______ of an equation, you must do to the _____ side of the equation. In other words, you must keep the equation

Think of solving an equation like lifting weights





001VE EP - U	Solve:	-2p =	6
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- To solve, you must isolate the variable.
- What number is on the same side as **p**?
- To get \boldsymbol{p} by itself, we must undo the multiplication. What is the opposite of multiplication?

$$-2p = 6$$

- 1. Draw a line to separate the equation into 2 sides.
- 2. _____ by ____ on both
- 3. Check your answer by substituting your answer back into the problem.

- 1. Draw a line to separate the equation into 2 sides.
- 2. _____ by ____ on both
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$$\frac{Z}{-2} = 14$$

Notes (7) - One Step Equations (Integers).notebook

Solve: - x = -4	Solve: - g = 16	Solve: -16 = -4b	Solve: $\frac{x}{6} = -29$
Check Your Answer:	Check Your Answer:	Check Your Answer:	Check Your Answer:
		Solve : $\frac{-x}{8} = 16$	Solve : -28 = 7n
		Check Your Answer:	Check Your Answer:

Solve: r + 16 = -7

- To solve, you must isolate the variable.

- What number is on the same side as $\boldsymbol{r?}$

- To get ${m r}$ by itself, we must undo the addition. What is the opposite of addition?

Check Your Answer:

1. Draw a line to separate the equation into 2 sides.

2. _____ from both sides.

3. Check your answer by substituting your answer back into the problem.

Check Your Answer: