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TWO step equations

can use inverse operations to solve a
two step equation.

PEMDAS

← inverse: backwards

steps:

- ① Get rid of any $+/-$
- ② Get rid of any \times / \div

EX $2x - 4 = 12$

$+4$ $+4$

$2x = 16$

$\frac{2x}{2} = \frac{16}{2}$

$x = 8$

EX $10 + \frac{x}{2} = 13$

-10 -10

$\frac{x}{2} = 3$

$2 \cdot \frac{x}{2} = 3 \cdot 2$

$x = 6$

EX $18 = 7x - 17$

$+17$ $+17$

$35 = 7x$

$\frac{35}{7} = \frac{7x}{7}$

$5 = x$