

Solving Equations with Variables on BOTH SIDES!!!  
Follow the steps :)

**\*\*\*GOAL: GET VARIABLES ON ONE SIDE AND CONSTANTS ON THE OTHER**

1<sup>st</sup> make a zero pair with the smaller variable

2<sup>nd</sup> make a zero pair with the constant on the other side

DID I GET VARIABLES ON ONE SIDE AND CONSTANTS ON THE OTHER?

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<b>18 - 2g = 4g</b>	
○	○
○	○
○	○
○	○

**Check your answer:**  
**18 - 2g = 4g**

<b>7v = 2v - 20</b>	
○	○
○	○
○	○
○	○

**Check your answer:**  
**7v = 2v - 20**

$2y + 27 = 5y$

$8h = 6h - 14$

$5c - 15 = 2c + 6$	
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**Check your answer:**  
 $5c - 15 = 2c + 6$

$-2a - 9 = 6a + 15$	
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**Check your answer:**  
 $-2a - 9 = 6a + 15$

$$14 + 3n = 5n - 6$$

$$10b - 2 = 7b - 7.4$$

$$7t - 4 = 10t + 14$$

$$t + 10 = 7t - 14$$

$$3c - 15 = 17 - c$$