

# Variables on Both Sides - Part I

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Name: \_\_\_\_\_

Solve for each variable. Show all your work/steps!!

1.)  $3n - 2 = 2n + 8$

2.)  $8b - 7 = 7b - 2$

3.)  $6 - k = 15 - 4k$

4.)  $q - 11 = 2q + 4$

5.)  $4x + 9 = 8x - 15$

6.)  $22r + 11 = 4r - 7$

7.)  $9y = 14 + 16y$

8.)  $15m - 22 = 7m + 18$