



## Determining Variable Value to Balance Equations

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

Find the value of x.

1)  $86 - 2x = -10x + 166$

2)  $2x + 50 = 66 - 2x$

3)  $-2x + 96 = -7x + 136$

4)  $-3x + 65 = -8x + 75$

5)  $6 + 5x = -5x + 56$

6)  $58 + -2x = 121 + -9x$

7)  $-5x + 98 = 168 + -15x$

8)  $29 - 3x = -13x + 49$

9)  $80 - 1x = 120 - 11x$

10)  $76 + 2x = -4x + 106$

11)  $11 + 5x = 1x + 27$

12)  $29 - 2x = -11x + 47$

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

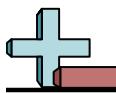
10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								





## Determining Variable Value to Balance Equations

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

Find the value of x.

5  
78  
22  
44  
95  
10Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

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