



Find the value of x.

Answers

1) $12 + 1x = -8x + 102$

2) $1 + 1x = -8x + 82$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

5) $69 - 2x = 133 - 10x$

6) $-14 + 4x = 28 + -3x$

7) $52 + -1x = 82 + -6x$

8) $51 + 1x = -4x + 61$

9) $-5x + 50 = 130 - 15x$

10) $19 + 2x = 34 - 3x$

11) $63 - 5x = -11x + 105$

12) $63 + 2x = 83 + -3x$



Find the value of x.

1) $12 + 1x = -8x + 102$
 $9x = 90$
 $x = 10$

2) $1 + 1x = -8x + 82$
 $9x = 81$
 $x = 9$

3) $3 + 4x = -6x + 23$
 $10x = 20$
 $x = 2$

4) $-2 + 4x = 1x + 22$
 $3x = 24$
 $x = 8$

5) $69 - 2x = 133 - 10x$
 $8x = 64$
 $x = 8$

6) $-14 + 4x = 28 + -3x$
 $7x = 42$
 $x = 6$

7) $52 + -1x = 82 + -6x$
 $5x = 30$
 $x = 6$

8) $51 + 1x = -4x + 61$
 $5x = 10$
 $x = 2$

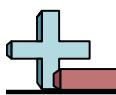
9) $-5x + 50 = 130 - 15x$
 $10x = 80$
 $x = 8$

10) $19 + 2x = 34 - 3x$
 $5x = 15$
 $x = 3$

11) $63 - 5x = -11x + 105$
 $6x = 42$
 $x = 7$

12) $63 + 2x = 83 + -3x$
 $5x = 20$
 $x = 4$

Answers1. **10**2. **9**3. **2**4. **8**5. **8**6. **6**7. **6**8. **2**9. **8**10. **3**11. **7**12. **4**



Determining Variable Value to Balance Equations

Name: _____

Find the value of x.

8
69
26
28
38
10Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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