



Find the value of x.

1)  $-5x + 82 = 94 + -8x$

2)  $13 + 4x = -1x + 28$

3)  $-4x + 50 = -9x + 75$

4)  $73 + -4x = -7x + 91$

5)  $5x + 26 = 2x + 50$

6)  $-2x + 91 = 112 + -9x$

7)  $3x + 41 = 77 + -1x$

8)  $-1x + 57 = 81 - 7x$

9)  $2x + 4 = -8x + 64$

10)  $-1x + 29 = -5x + 61$

11)  $38 - 4x = 53 - 7x$

12)  $-4x + 108 = 189 - 13x$

**Answers**

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

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

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

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

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

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

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

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

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

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

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

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



Find the value of x.

1)  $-5x + 82 = 94 + -8x$   
 $3x = 12$   
 $x = 4$

2)  $13 + 4x = -1x + 28$   
 $5x = 15$   
 $x = 3$

3)  $-4x + 50 = -9x + 75$   
 $5x = 25$   
 $x = 5$

4)  $73 + -4x = -7x + 91$   
 $3x = 18$   
 $x = 6$

5)  $5x + 26 = 2x + 50$   
 $3x = 24$   
 $x = 8$

6)  $-2x + 91 = 112 + -9x$   
 $7x = 21$   
 $x = 3$

7)  $3x + 41 = 77 + -1x$   
 $4x = 36$   
 $x = 9$

8)  $-1x + 57 = 81 - 7x$   
 $6x = 24$   
 $x = 4$

9)  $2x + 4 = -8x + 64$   
 $10x = 60$   
 $x = 6$

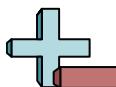
10)  $-1x + 29 = -5x + 61$   
 $4x = 32$   
 $x = 8$

11)  $38 - 4x = 53 - 7x$   
 $3x = 15$   
 $x = 5$

12)  $-4x + 108 = 189 - 13x$   
 $9x = 81$   
 $x = 9$

**Answers**

1. **4**  
 2. **3**  
 3. **5**  
 4. **6**  
 5. **8**  
 6. **3**  
 7. **9**  
 8. **4**  
 9. **6**  
 10. **8**  
 11. **5**  
 12. **9**



Find the value of x.

8  
96  
46  
38  
34  
5**Answers**

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

1)  $-5x + 82 = 94 + -8x$

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8)  $-1x + 57 = 81 - 7x$

9)  $2x + 4 = -8x + 64$

10)  $-1x + 29 = -5x + 61$