



Find the value of x.

1)  $22 - 3x = -12x + 40$

2)  $25 + 4x = -3x + 81$

3)  $2x + 5 = 0x + 21$

4)  $87 - 2x = 123 - 11x$

5)  $12 + 1x = 48 + -5x$

6)  $89 + -2x = 149 + -12x$

7)  $70 - 3x = -13x + 130$

8)  $2 + 1x = -5x + 62$

9)  $-4x + 45 = -10x + 75$

10)  $17 + 5x = 53 + -4x$

11)  $32 + 1x = -4x + 57$

12)  $81 - 3x = -12x + 162$

Answers

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

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

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

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

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

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

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

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

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

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

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

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



Find the value of x.

1)  $22 - 3x = -12x + 40$   
 $9x = 18$   
 $x = 2$

2)  $25 + 4x = -3x + 81$   
 $7x = 56$   
 $x = 8$

3)  $2x + 5 = 0x + 21$   
 $2x = 16$   
 $x = 8$

4)  $87 - 2x = 123 - 11x$   
 $9x = 36$   
 $x = 4$

5)  $12 + 1x = 48 + -5x$   
 $6x = 36$   
 $x = 6$

6)  $89 + -2x = 149 + -12x$   
 $10x = 60$   
 $x = 6$

7)  $70 - 3x = -13x + 130$   
 $10x = 60$   
 $x = 6$

8)  $2 + 1x = -5x + 62$   
 $6x = 60$   
 $x = 10$

9)  $-4x + 45 = -10x + 75$   
 $6x = 30$   
 $x = 5$

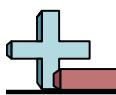
10)  $17 + 5x = 53 + -4x$   
 $9x = 36$   
 $x = 4$

11)  $32 + 1x = -4x + 57$   
 $5x = 25$   
 $x = 5$

12)  $81 - 3x = -12x + 162$   
 $9x = 81$   
 $x = 9$

**Answers**

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



Find the value of x.

4  
210  
48  
56  
66  
8**Answers**

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

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