



Find the value of x.

1)  $39 - 2x = -6x + 75$

2)  $2x - 6 = -5x + 50$

3)  $32 + -5x = -10x + 47$

4)  $2 + 5x = 82 + -3x$

5)  $105 + -4x = -11x + 147$

6)  $-2x + 55 = 75 + -12x$

7)  $8 + 3x = 38 + -7x$

8)  $16 + 1x = -5x + 52$

9)  $12 + 5x = -2x + 61$

10)  $-4x + 74 = 128 + -13x$

11)  $-1x + 85 = -4x + 103$

12)  $27 + -1x = 42 + -4x$

**Answers**

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

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

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

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

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

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

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

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

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

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

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

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



Find the value of x.

1)  $39 - 2x = -6x + 75$

$4x = 36$

$x = 9$

2)  $2x - 6 = -5x + 50$

$7x = 56$

$x = 8$

3)  $32 + -5x = -10x + 47$

$5x = 15$

$x = 3$

4)  $2 + 5x = 82 + -3x$

$8x = 80$

$x = 10$

5)  $105 + -4x = -11x + 147$

$7x = 42$

$x = 6$

6)  $-2x + 55 = 75 + -12x$

$10x = 20$

$x = 2$

7)  $8 + 3x = 38 + -7x$

$10x = 30$

$x = 3$

8)  $16 + 1x = -5x + 52$

$6x = 36$

$x = 6$

9)  $12 + 5x = -2x + 61$

$7x = 49$

$x = 7$

10)  $-4x + 74 = 128 + -13x$

$9x = 54$

$x = 6$

11)  $-1x + 85 = -4x + 103$

$3x = 18$

$x = 6$

12)  $27 + -1x = 42 + -4x$

$3x = 15$

$x = 5$

**Answers**1. 92. 83. 34. 105. 66. 27. 38. 69. 710. 611. 612. 5



Find the value of x.

8

6

7

6

9

3

2

6

3

10

1)  $39 - 2x = -6x + 75$

2)  $2x - 6 = -5x + 50$

3)  $32 + -5x = -10x + 47$

4)  $2 + 5x = 82 + -3x$

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10)  $-4x + 74 = 128 + -13x$

**Answers**

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

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

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

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

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

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

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

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

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

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