



Find the value of x.

1)  $4x + -8 = 1x + 7$

2)  $-2x + 103 = 148 + -7x$

3)  $78 + 2x = -1x + 93$

4)  $124 - 5x = -13x + 180$

5)  $4x + 47 = -4x + 71$

6)  $58 - 2x = 85 - 5x$

7)  $-4x + 89 = 145 - 12x$

8)  $61 - 5x = 133 - 13x$

9)  $66 - 3x = -7x + 98$

10)  $-5x + 82 = 172 + -15x$

11)  $5x + 48 = 96 - 1x$

12)  $75 + 2x = -1x + 90$

**Answers**

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

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

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

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

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

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

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

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

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

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

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

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



Find the value of x.

1)  $4x + -8 = 1x + 7$

$3x = 15$

$x = 5$

2)  $-2x + 103 = 148 + -7x$

$5x = 45$

$x = 9$

3)  $78 + 2x = -1x + 93$

$3x = 15$

$x = 5$

4)  $124 - 5x = -13x + 180$

$8x = 56$

$x = 7$

5)  $4x + 47 = -4x + 71$

$8x = 24$

$x = 3$

6)  $58 - 2x = 85 - 5x$

$3x = 27$

$x = 9$

7)  $-4x + 89 = 145 - 12x$

$8x = 56$

$x = 7$

8)  $61 - 5x = 133 - 13x$

$8x = 72$

$x = 9$

9)  $66 - 3x = -7x + 98$

$4x = 32$

$x = 8$

10)  $-5x + 82 = 172 + -15x$

$10x = 90$

$x = 9$

11)  $5x + 48 = 96 - 1x$

$6x = 48$

$x = 8$

12)  $75 + 2x = -1x + 90$

$3x = 15$

$x = 5$

Answers1. 52. 93. 54. 75. 36. 97. 78. 99. 810. 911. 812. 5



Find the value of x.

9

5

9

5

3

7

9

9

7

8

1)  $4x + -8 = 1x + 7$

2)  $-2x + 103 = 148 + -7x$

3)  $78 + 2x = -1x + 93$

4)  $124 - 5x = -13x + 180$

5)  $4x + 47 = -4x + 71$

6)  $58 - 2x = 85 - 5x$

7)  $-4x + 89 = 145 - 12x$

8)  $61 - 5x = 133 - 13x$

9)  $66 - 3x = -7x + 98$

10)  $-5x + 82 = 172 + -15x$

**Answers**

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

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

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

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

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

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

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

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

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

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