



Find the value of x.

1)  $58 - 3x = -8x + 78$

2)  $1x + 6 = -1x + 18$

3)  $87 + -2x = 108 + -5x$

4)  $138 + -5x = 178 + -9x$

5)  $70 + -4x = 119 + -11x$

6)  $-4x + 55 = -10x + 73$

7)  $4x + 61 = 1x + 79$

8)  $-1x + 34 = 84 + -6x$

9)  $-2x + 69 = 159 - 12x$

10)  $3x + 78 = -6x + 114$

11)  $73 + 5x = 2x + 82$

12)  $102 - 3x = 142 - 8x$

**Answers**

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

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

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

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

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

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

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

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

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

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

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

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



Find the value of x.

1)  $58 - 3x = -8x + 78$

$5x = 20$

$x = 4$

2)  $1x + 6 = -1x + 18$

$2x = 12$

$x = 6$

3)  $87 + -2x = 108 + -5x$

$3x = 21$

$x = 7$

4)  $138 + -5x = 178 + -9x$

$4x = 40$

$x = 10$

5)  $70 + -4x = 119 + -11x$

$7x = 49$

$x = 7$

6)  $-4x + 55 = -10x + 73$

$6x = 18$

$x = 3$

7)  $4x + 61 = 1x + 79$

$3x = 18$

$x = 6$

8)  $-1x + 34 = 84 + -6x$

$5x = 50$

$x = 10$

9)  $-2x + 69 = 159 - 12x$

$10x = 90$

$x = 9$

10)  $3x + 78 = -6x + 114$

$9x = 36$

$x = 4$

11)  $73 + 5x = 2x + 82$

$3x = 9$

$x = 3$

12)  $102 - 3x = 142 - 8x$

$5x = 40$

$x = 8$

Answers1. 42. 63. 74. 105. 76. 37. 68. 109. 910. 411. 312. 8



Find the value of x.

9

6

10

6

4

3

7

10

4

7

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10)  $3x + 78 = -6x + 114$

**Answers**

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

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

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

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

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

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

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

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

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

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