



Find the value of x.

1)  $-3x + 81 = -8x + 101$

2)  $59 - 4x = -12x + 75$

3)  $52 - 2x = 108 - 10x$

4)  $66 - 1x = 78 - 3x$

5)  $39 + 3x = 59 - 1x$

6)  $2x + 42 = 0x + 48$

7)  $4x + 19 = 75 - 3x$

8)  $1x + 81 = 126 - 4x$

9)  $91 + -5x = 121 + -8x$

10)  $1x + 49 = -3x + 85$

11)  $-3x + 82 = -10x + 110$

12)  $94 + -3x = -12x + 121$

**Answers**

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

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

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

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

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

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

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

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

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

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

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

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



Find the value of x.

1)  $-3x + 81 = -8x + 101$

$5x = 20$

$x = 4$

2)  $59 - 4x = -12x + 75$

$8x = 16$

$x = 2$

3)  $52 - 2x = 108 - 10x$

$8x = 56$

$x = 7$

4)  $66 - 1x = 78 - 3x$

$2x = 12$

$x = 6$

5)  $39 + 3x = 59 - 1x$

$4x = 20$

$x = 5$

6)  $2x + 42 = 0x + 48$

$2x = 6$

$x = 3$

7)  $4x + 19 = 75 - 3x$

$7x = 56$

$x = 8$

8)  $1x + 81 = 126 - 4x$

$5x = 45$

$x = 9$

9)  $91 + -5x = 121 + -8x$

$3x = 30$

$x = 10$

10)  $1x + 49 = -3x + 85$

$4x = 36$

$x = 9$

11)  $-3x + 82 = -10x + 110$

$7x = 28$

$x = 4$

12)  $94 + -3x = -12x + 121$

$9x = 27$

$x = 3$

Answers1. 42. 23. 74. 65. 56. 37. 88. 99. 1010. 911. 412. 3



Find the value of x.

2

4

5

6

9

9

7

10

8

3

1)  $-3x + 81 = -8x + 101$

2)  $59 - 4x = -12x + 75$

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9)  $91 + -5x = 121 + -8x$

10)  $1x + 49 = -3x + 85$

**Answers**

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

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

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

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

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

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

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

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

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

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