



Find the value of x.

1)  $43 + -2x = 75 + -6x$

2)  $5x + 65 = 74 + 2x$

3)  $71 + 2x = -1x + 80$

4)  $44 + -5x = 59 + -10x$

5)  $3x + 11 = 1x + 31$

6)  $81 + -1x = -4x + 105$

7)  $3x + 41 = 101 - 7x$

8)  $14 + 2x = 44 - 3x$

9)  $69 + -1x = 93 + -4x$

10)  $33 - 3x = 73 - 11x$

11)  $17 + 2x = -1x + 26$

12)  $70 - 3x = 118 - 9x$

**Answers**

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

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

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

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

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

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

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

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

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

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

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

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



Find the value of x.

1)  $43 + -2x = 75 + -6x$

$4x = 32$

$x = 8$

2)  $5x + 65 = 74 + 2x$

$3x = 9$

$x = 3$

3)  $71 + 2x = -1x + 80$

$3x = 9$

$x = 3$

4)  $44 + -5x = 59 + -10x$

$5x = 15$

$x = 3$

5)  $3x + 11 = 1x + 31$

$2x = 20$

$x = 10$

6)  $81 + -1x = -4x + 105$

$3x = 24$

$x = 8$

7)  $3x + 41 = 101 - 7x$

$10x = 60$

$x = 6$

8)  $14 + 2x = 44 - 3x$

$5x = 30$

$x = 6$

9)  $69 + -1x = 93 + -4x$

$3x = 24$

$x = 8$

10)  $33 - 3x = 73 - 11x$

$8x = 40$

$x = 5$

11)  $17 + 2x = -1x + 26$

$3x = 9$

$x = 3$

12)  $70 - 3x = 118 - 9x$

$6x = 48$

$x = 8$

Answers

1. 8

2. 3

3. 3

4. 3

5. 10

6. 8

7. 6

8. 6

9. 8

10. 5

11. 3

12. 8



Find the value of x.

8

6

10

8

3

3

8

5

6

3

1)  $43 + -2x = 75 + -6x$

2)  $5x + 65 = 74 + 2x$

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10)  $33 - 3x = 73 - 11x$

**Answers**

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

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

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

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

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

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

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

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

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

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