



Find the value of x.

1)  $12 + 1x = -8x + 102$

2)  $1 + 1x = -8x + 82$

3)  $3 + 4x = -6x + 23$

4)  $-2 + 4x = 1x + 22$

5)  $69 - 2x = 133 - 10x$

6)  $-14 + 4x = 28 + -3x$

7)  $52 + -1x = 82 + -6x$

8)  $51 + 1x = -4x + 61$

9)  $-5x + 50 = 130 - 15x$

10)  $19 + 2x = 34 - 3x$

11)  $63 - 5x = -11x + 105$

12)  $63 + 2x = 83 + -3x$

**Answers**

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

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

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

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

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

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

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

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

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

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

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

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



Find the value of x.

1)  $12 + 1x = -8x + 102$

$9x = 90$

$x = 10$

2)  $1 + 1x = -8x + 82$

$9x = 81$

$x = 9$

3)  $3 + 4x = -6x + 23$

$10x = 20$

$x = 2$

4)  $-2 + 4x = 1x + 22$

$3x = 24$

$x = 8$

5)  $69 - 2x = 133 - 10x$

$8x = 64$

$x = 8$

6)  $-14 + 4x = 28 + -3x$

$7x = 42$

$x = 6$

7)  $52 + -1x = 82 + -6x$

$5x = 30$

$x = 6$

8)  $51 + 1x = -4x + 61$

$5x = 10$

$x = 2$

9)  $-5x + 50 = 130 - 15x$

$10x = 80$

$x = 8$

10)  $19 + 2x = 34 - 3x$

$5x = 15$

$x = 3$

11)  $63 - 5x = -11x + 105$

$6x = 42$

$x = 7$

12)  $63 + 2x = 83 + -3x$

$5x = 20$

$x = 4$

Answers1. 102. 93. 24. 85. 86. 67. 68. 29. 810. 311. 712. 4



Find the value of x.

8

9

6

8

8

6

2

2

3

10

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10)  $19 + 2x = 34 - 3x$

**Answers**

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

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

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

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

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

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

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

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

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

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