



Find the value of x.

1)  $5x + 2 = 52 + -5x$

2)  $5x + 4 = 54 + 0x$

3)  $3x + 28 = 82 - 3x$

4)  $44 - 2x = 107 - 9x$

5)  $5x + 44 = -1x + 56$

6)  $2x + 49 = 0x + 65$

7)  $4x + 72 = -5x + 99$

8)  $15 + 2x = 31 - 6x$

9)  $-3x + 66 = -13x + 116$

10)  $-2x + 31 = -8x + 79$

11)  $45 + -4x = 63 + -13x$

12)  $4x + -14 = 22 + -2x$

**Answers**

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

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

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

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

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

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

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

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

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

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

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

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



Find the value of x.

1)  $5x + 2 = 52 + -5x$

$10x = 50$

$x = 5$

2)  $5x + 4 = 54 + 0x$

$5x = 50$

$x = 10$

3)  $3x + 28 = 82 - 3x$

$6x = 54$

$x = 9$

4)  $44 - 2x = 107 - 9x$

$7x = 63$

$x = 9$

5)  $5x + 44 = -1x + 56$

$6x = 12$

$x = 2$

6)  $2x + 49 = 0x + 65$

$2x = 16$

$x = 8$

7)  $4x + 72 = -5x + 99$

$9x = 27$

$x = 3$

8)  $15 + 2x = 31 - 6x$

$8x = 16$

$x = 2$

9)  $-3x + 66 = -13x + 116$

$10x = 50$

$x = 5$

10)  $-2x + 31 = -8x + 79$

$6x = 48$

$x = 8$

11)  $45 + -4x = 63 + -13x$

$9x = 18$

$x = 2$

12)  $4x + -14 = 22 + -2x$

$6x = 36$

$x = 6$

Answers1. 52. 103. 94. 95. 26. 87. 38. 29. 510. 811. 212. 6



Find the value of x.

10

8

9

5

9

2

5

8

2

3

1)  $5x + 2 = 52 + -5x$

2)  $5x + 4 = 54 + 0x$

3)  $3x + 28 = 82 - 3x$

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**Answers**

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

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

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

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

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

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

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

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

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

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