



Find the value of x.

1)  $2 + 3x = 11 + 0x$

2)  $2x + 3 = -1x + 30$

3)  $1x + 21 = 81 - 9x$

4)  $-3x + 100 = 135 + -8x$

5)  $54 + 1x = -8x + 81$

6)  $60 + 3x = 85 - 2x$

7)  $-3x + 66 = -13x + 136$

8)  $5x + 40 = -4x + 67$

9)  $105 - 5x = -7x + 117$

10)  $63 + 1x = 135 - 7x$

11)  $2x + 18 = -2x + 30$

12)  $5x + 24 = 64 - 5x$

**Answers**

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

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

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

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

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

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

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

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

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

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

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

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



Find the value of x.

1)  $2 + 3x = 11 + 0x$

$3x = 9$

$x = 3$

2)  $2x + 3 = -1x + 30$

$3x = 27$

$x = 9$

3)  $1x + 21 = 81 - 9x$

$10x = 60$

$x = 6$

4)  $-3x + 100 = 135 + -8x$

$5x = 35$

$x = 7$

5)  $54 + 1x = -8x + 81$

$9x = 27$

$x = 3$

6)  $60 + 3x = 85 - 2x$

$5x = 25$

$x = 5$

7)  $-3x + 66 = -13x + 136$

$10x = 70$

$x = 7$

8)  $5x + 40 = -4x + 67$

$9x = 27$

$x = 3$

9)  $105 - 5x = -7x + 117$

$2x = 12$

$x = 6$

10)  $63 + 1x = 135 - 7x$

$8x = 72$

$x = 9$

11)  $2x + 18 = -2x + 30$

$4x = 12$

$x = 3$

12)  $5x + 24 = 64 - 5x$

$10x = 40$

$x = 4$

Answers1. 32. 93. 64. 75. 36. 57. 78. 39. 610. 911. 312. 4



Find the value of x.

6	9	3	5	7
6	3	7	9	3

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**Answers**

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

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

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

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

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

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

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

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

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

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