



Find the value of x.

1)  $124 - 4x = 154 - 7x$

2)  $-5x + 100 = -15x + 170$

3)  $3x + 18 = -3x + 30$

4)  $25 - 2x = -8x + 49$

5)  $31 + -2x = -4x + 37$

6)  $7 + 3x = 19 - 3x$

7)  $69 + -5x = 109 + -10x$

8)  $87 - 1x = 101 - 3x$

9)  $34 + 1x = 106 - 7x$

10)  $66 - 2x = -9x + 94$

11)  $83 + 1x = 99 - 7x$

12)  $-4x + 102 = 132 - 14x$

Answers

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

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

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

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

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

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

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

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

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

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

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

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



Find the value of x.

1)  $124 - 4x = 154 - 7x$

$3x = 30$

$x = 10$

2)  $-5x + 100 = -15x + 170$

$10x = 70$

$x = 7$

3)  $3x + 18 = -3x + 30$

$6x = 12$

$x = 2$

4)  $25 - 2x = -8x + 49$

$6x = 24$

$x = 4$

5)  $31 + -2x = -4x + 37$

$2x = 6$

$x = 3$

6)  $7 + 3x = 19 - 3x$

$6x = 12$

$x = 2$

7)  $69 + -5x = 109 + -10x$

$5x = 40$

$x = 8$

8)  $87 - 1x = 101 - 3x$

$2x = 14$

$x = 7$

9)  $34 + 1x = 106 - 7x$

$8x = 72$

$x = 9$

10)  $66 - 2x = -9x + 94$

$7x = 28$

$x = 4$

11)  $83 + 1x = 99 - 7x$

$8x = 16$

$x = 2$

12)  $-4x + 102 = 132 - 14x$

$10x = 30$

$x = 3$

Answers1. 102. 73. 24. 45. 36. 27. 88. 79. 910. 411. 212. 3



Find the value of x.

10

8

2

7

3

4

9

4

2

7

1)  $124 - 4x = 154 - 7x$

2)  $-5x + 100 = -15x + 170$

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9)  $34 + 1x = 106 - 7x$

10)  $66 - 2x = -9x + 94$

**Answers**

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

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

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

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

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

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

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

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

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

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