



Find the value of x.

1)  $22 - 3x = -12x + 40$

2)  $25 + 4x = -3x + 81$

3)  $2x + 5 = 0x + 21$

4)  $87 - 2x = 123 - 11x$

5)  $12 + 1x = 48 + -5x$

6)  $89 + -2x = 149 + -12x$

7)  $70 - 3x = -13x + 130$

8)  $2 + 1x = -5x + 62$

9)  $-4x + 45 = -10x + 75$

10)  $17 + 5x = 53 + -4x$

11)  $32 + 1x = -4x + 57$

12)  $81 - 3x = -12x + 162$

**Answers**

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

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

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

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

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

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

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

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

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

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

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

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



Find the value of x.

1)  $22 - 3x = -12x + 40$

$9x = 18$

$x = 2$

2)  $25 + 4x = -3x + 81$

$7x = 56$

$x = 8$

3)  $2x + 5 = 0x + 21$

$2x = 16$

$x = 8$

4)  $87 - 2x = 123 - 11x$

$9x = 36$

$x = 4$

5)  $12 + 1x = 48 + -5x$

$6x = 36$

$x = 6$

6)  $89 + -2x = 149 + -12x$

$10x = 60$

$x = 6$

7)  $70 - 3x = -13x + 130$

$10x = 60$

$x = 6$

8)  $2 + 1x = -5x + 62$

$6x = 60$

$x = 10$

9)  $-4x + 45 = -10x + 75$

$6x = 30$

$x = 5$

10)  $17 + 5x = 53 + -4x$

$9x = 36$

$x = 4$

11)  $32 + 1x = -4x + 57$

$5x = 25$

$x = 5$

12)  $81 - 3x = -12x + 162$

$9x = 81$

$x = 9$

Answers1. 22. 83. 84. 45. 66. 67. 68. 109. 510. 411. 512. 9



Find the value of x.

4	10	8	6	6
2	4	5	6	8

1)  $22 - 3x = -12x + 40$

2)  $25 + 4x = -3x + 81$

3)  $2x + 5 = 0x + 21$

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9)  $-4x + 45 = -10x + 75$

10)  $17 + 5x = 53 + -4x$

**Answers**

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

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

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

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

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

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

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

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

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

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