



Find the value of x.

1)  $58 - 3x = -8x + 78$

2)  $1x + 6 = -1x + 18$

3)  $87 + -2x = 108 + -5x$

4)  $138 + -5x = 178 + -9x$

5)  $70 + -4x = 119 + -11x$

6)  $-4x + 55 = -10x + 73$

7)  $4x + 61 = 1x + 79$

8)  $-1x + 34 = 84 + -6x$

9)  $-2x + 69 = 159 - 12x$

10)  $3x + 78 = -6x + 114$

11)  $73 + 5x = 2x + 82$

12)  $102 - 3x = 142 - 8x$

**Answers**

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

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

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

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

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

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

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

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

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

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

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

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



Find the value of x.

1)  $58 - 3x = -8x + 78$

$5x = 20$

$x = 4$

2)  $1x + 6 = -1x + 18$

$2x = 12$

$x = 6$

3)  $87 + -2x = 108 + -5x$

$3x = 21$

$x = 7$

4)  $138 + -5x = 178 + -9x$

$4x = 40$

$x = 10$

5)  $70 + -4x = 119 + -11x$

$7x = 49$

$x = 7$

6)  $-4x + 55 = -10x + 73$

$6x = 18$

$x = 3$

7)  $4x + 61 = 1x + 79$

$3x = 18$

$x = 6$

8)  $-1x + 34 = 84 + -6x$

$5x = 50$

$x = 10$

9)  $-2x + 69 = 159 - 12x$

$10x = 90$

$x = 9$

10)  $3x + 78 = -6x + 114$

$9x = 36$

$x = 4$

11)  $73 + 5x = 2x + 82$

$3x = 9$

$x = 3$

12)  $102 - 3x = 142 - 8x$

$5x = 40$

$x = 8$

Answers

1. 4

2. 6

3. 7

4. 10

5. 7

6. 3

7. 6

8. 10

9. 9

10. 4

11. 3

12. 8



Find the value of x.

9	6	10	6	4
3	7	10	4	7

1)  $58 - 3x = -8x + 78$

2)  $1x + 6 = -1x + 18$

3)  $87 + -2x = 108 + -5x$

4)  $138 + -5x = 178 + -9x$

5)  $70 + -4x = 119 + -11x$

6)  $-4x + 55 = -10x + 73$

7)  $4x + 61 = 1x + 79$

8)  $-1x + 34 = 84 + -6x$

9)  $-2x + 69 = 159 - 12x$

10)  $3x + 78 = -6x + 114$

**Answers**

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

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

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

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

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

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

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

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

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

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