

**Halla el valor de x.**

1)  $12 + 1x = -8x + 102$

2)  $1 + 1x = -8x + 82$

3)  $3 + 4x = -6x + 23$

4)  $-2 + 4x = 1x + 22$

5)  $69 - 2x = 133 - 10x$

6)  $-14 + 4x = 28 + -3x$

7)  $52 + -1x = 82 + -6x$

8)  $51 + 1x = -4x + 61$

9)  $-5x + 50 = 130 - 15x$

10)  $19 + 2x = 34 - 3x$

11)  $63 - 5x = -11x + 105$

12)  $63 + 2x = 83 + -3x$

**Respuestas**

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

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

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

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

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

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

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

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

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

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

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

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



Halla el valor de x.

1)  $12 + 1x = -8x + 102$

$9x = 90$

$x = 10$

2)  $1 + 1x = -8x + 82$

$9x = 81$

$x = 9$

3)  $3 + 4x = -6x + 23$

$10x = 20$

$x = 2$

4)  $-2 + 4x = 1x + 22$

$3x = 24$

$x = 8$

5)  $69 - 2x = 133 - 10x$

$8x = 64$

$x = 8$

6)  $-14 + 4x = 28 + -3x$

$7x = 42$

$x = 6$

7)  $52 + -1x = 82 + -6x$

$5x = 30$

$x = 6$

8)  $51 + 1x = -4x + 61$

$5x = 10$

$x = 2$

9)  $-5x + 50 = 130 - 15x$

$10x = 80$

$x = 8$

10)  $19 + 2x = 34 - 3x$

$5x = 15$

$x = 3$

11)  $63 - 5x = -11x + 105$

$6x = 42$

$x = 7$

12)  $63 + 2x = 83 + -3x$

$5x = 20$

$x = 4$

**Respuestas**1. 102. 93. 24. 85. 86. 67. 68. 29. 810. 311. 712. 4



Halla el valor de x.

8	9	6	8	8
6	2	2	3	10

1)  $12 + 1x = -8x + 102$

2)  $1 + 1x = -8x + 82$

3)  $3 + 4x = -6x + 23$

4)  $-2 + 4x = 1x + 22$

5)  $69 - 2x = 133 - 10x$

6)  $-14 + 4x = 28 + -3x$

7)  $52 + -1x = 82 + -6x$

8)  $51 + 1x = -4x + 61$

9)  $-5x + 50 = 130 - 15x$

10)  $19 + 2x = 34 - 3x$

**Respuestas**

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_



Halla el valor de 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)  $81 - 3x = -12x + 162$

**Respuestas**

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

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

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

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

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

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

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

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

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

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

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

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



Halla el valor de 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)  $81 - 3x = -12x + 162$

$9x = 81$

$x = 9$

**Respuestas**

1. 2

2. 8

3. 8

4. 4

5. 6

6. 6

7. 6

8. 10

9. 5

10. 4

11. 5

12. 9



Halla el valor de x.

4	10	8	6	6
2	4	5	6	8

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

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

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

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

**Respuestas**

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_



Halla el valor de x.

1)  $47 + -2x = -8x + 89$

2)  $35 + 5x = 83 + -3x$

3)  $2x + 44 = -5x + 86$

4)  $-3 + 3x = 37 - 1x$

5)  $5x + 44 = 62 + 2x$

6)  $-3x + 95 = -13x + 175$

7)  $20 + 1x = -8x + 56$

8)  $2x + 59 = -1x + 77$

9)  $56 - 4x = 110 - 10x$

10)  $3x - 7 = -6x + 47$

11)  $28 + 1x = -4x + 43$

12)  $78 + 3x = 90 + -1x$

**Respuestas**

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

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

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

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

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

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

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

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

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

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

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

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



Halla el valor de x.

1)  $47 + -2x = -8x + 89$

$6x = 42$

$x = 7$

2)  $35 + 5x = 83 + -3x$

$8x = 48$

$x = 6$

3)  $2x + 44 = -5x + 86$

$7x = 42$

$x = 6$

4)  $-3 + 3x = 37 - 1x$

$4x = 40$

$x = 10$

5)  $5x + 44 = 62 + 2x$

$3x = 18$

$x = 6$

6)  $-3x + 95 = -13x + 175$

$10x = 80$

$x = 8$

7)  $20 + 1x = -8x + 56$

$9x = 36$

$x = 4$

8)  $2x + 59 = -1x + 77$

$3x = 18$

$x = 6$

9)  $56 - 4x = 110 - 10x$

$6x = 54$

$x = 9$

10)  $3x - 7 = -6x + 47$

$9x = 54$

$x = 6$

11)  $28 + 1x = -4x + 43$

$5x = 15$

$x = 3$

12)  $78 + 3x = 90 + -1x$

$4x = 12$

$x = 3$

**Respuestas**

1. 7

2. 6

3. 6

4. 10

5. 6

6. 8

7. 4

8. 6

9. 9

10. 6

11. 3

12. 3





Halla el valor de x.

10	6	6	4	6
6	9	8	7	6

1)  $47 + -2x = -8x + 89$

2)  $35 + 5x = 83 + -3x$

3)  $2x + 44 = -5x + 86$

4)  $-3 + 3x = 37 - 1x$

5)  $5x + 44 = 62 + 2x$

6)  $-3x + 95 = -13x + 175$

7)  $20 + 1x = -8x + 56$

8)  $2x + 59 = -1x + 77$

9)  $56 - 4x = 110 - 10x$

10)  $3x - 7 = -6x + 47$

**Respuestas**

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_



Halla el valor de 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)  $102 - 3x = 142 - 8x$

**Respuestas**

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

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

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

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

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

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

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

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

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

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

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

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



Halla el valor de 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)  $102 - 3x = 142 - 8x$

$5x = 40$

$x = 8$

**Respuestas**1. 42. 63. 74. 105. 76. 37. 68. 109. 910. 411. 312. 8



Halla el valor de 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)  $3x + 78 = -6x + 114$

**Respuestas**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



Halla el valor de x.

1)  $-5x + 82 = 94 + -8x$

2)  $13 + 4x = -1x + 28$

3)  $-4x + 50 = -9x + 75$

4)  $73 + -4x = -7x + 91$

5)  $5x + 26 = 2x + 50$

6)  $-2x + 91 = 112 + -9x$

7)  $3x + 41 = 77 + -1x$

8)  $-1x + 57 = 81 - 7x$

9)  $2x + 4 = -8x + 64$

10)  $-1x + 29 = -5x + 61$

11)  $38 - 4x = 53 - 7x$

12)  $-4x + 108 = 189 - 13x$

**Respuestas**

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

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

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

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

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

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

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

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

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

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

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

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



Halla el valor de x.

1)  $-5x + 82 = 94 + -8x$

$3x = 12$

$x = 4$

2)  $13 + 4x = -1x + 28$

$5x = 15$

$x = 3$

3)  $-4x + 50 = -9x + 75$

$5x = 25$

$x = 5$

4)  $73 + -4x = -7x + 91$

$3x = 18$

$x = 6$

5)  $5x + 26 = 2x + 50$

$3x = 24$

$x = 8$

6)  $-2x + 91 = 112 + -9x$

$7x = 21$

$x = 3$

7)  $3x + 41 = 77 + -1x$

$4x = 36$

$x = 9$

8)  $-1x + 57 = 81 - 7x$

$6x = 24$

$x = 4$

9)  $2x + 4 = -8x + 64$

$10x = 60$

$x = 6$

10)  $-1x + 29 = -5x + 61$

$4x = 32$

$x = 8$

11)  $38 - 4x = 53 - 7x$

$3x = 15$

$x = 5$

12)  $-4x + 108 = 189 - 13x$

$9x = 81$

$x = 9$

**Respuestas**1. 42. 33. 54. 65. 86. 37. 98. 49. 610. 811. 512. 9



Halla el valor de x.

8

6

6

8

4

9

4

3

3

5

1)  $-5x + 82 = 94 + -8x$

2)  $13 + 4x = -1x + 28$

3)  $-4x + 50 = -9x + 75$

4)  $73 + -4x = -7x + 91$

5)  $5x + 26 = 2x + 50$

6)  $-2x + 91 = 112 + -9x$

7)  $3x + 41 = 77 + -1x$

8)  $-1x + 57 = 81 - 7x$

9)  $2x + 4 = -8x + 64$

10)  $-1x + 29 = -5x + 61$

**Respuestas**

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

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

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

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

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

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

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

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

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

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



Halla el valor de x.

1)  $4x + -8 = 1x + 7$

2)  $-2x + 103 = 148 + -7x$

3)  $78 + 2x = -1x + 93$

4)  $124 - 5x = -13x + 180$

5)  $4x + 47 = -4x + 71$

6)  $58 - 2x = 85 - 5x$

7)  $-4x + 89 = 145 - 12x$

8)  $61 - 5x = 133 - 13x$

9)  $66 - 3x = -7x + 98$

10)  $-5x + 82 = 172 + -15x$

11)  $5x + 48 = 96 - 1x$

12)  $75 + 2x = -1x + 90$

**Respuestas**

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

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

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

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

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

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

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

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

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

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

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

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





Halla el valor de x.

1)  $4x + -8 = 1x + 7$

$3x = 15$

$x = 5$

2)  $-2x + 103 = 148 + -7x$

$5x = 45$

$x = 9$

3)  $78 + 2x = -1x + 93$

$3x = 15$

$x = 5$

4)  $124 - 5x = -13x + 180$

$8x = 56$

$x = 7$

5)  $4x + 47 = -4x + 71$

$8x = 24$

$x = 3$

6)  $58 - 2x = 85 - 5x$

$3x = 27$

$x = 9$

7)  $-4x + 89 = 145 - 12x$

$8x = 56$

$x = 7$

8)  $61 - 5x = 133 - 13x$

$8x = 72$

$x = 9$

9)  $66 - 3x = -7x + 98$

$4x = 32$

$x = 8$

10)  $-5x + 82 = 172 + -15x$

$10x = 90$

$x = 9$

11)  $5x + 48 = 96 - 1x$

$6x = 48$

$x = 8$

12)  $75 + 2x = -1x + 90$

$3x = 15$

$x = 5$

**Respuestas**1. 52. 93. 54. 75. 36. 97. 78. 99. 810. 911. 812. 5



Halla el valor de x.

9	5	9	5	3
7	9	9	7	8

1)  $4x + -8 = 1x + 7$

2)  $-2x + 103 = 148 + -7x$

3)  $78 + 2x = -1x + 93$

4)  $124 - 5x = -13x + 180$

5)  $4x + 47 = -4x + 71$

6)  $58 - 2x = 85 - 5x$

7)  $-4x + 89 = 145 - 12x$

8)  $61 - 5x = 133 - 13x$

9)  $66 - 3x = -7x + 98$

10)  $-5x + 82 = 172 + -15x$

**Respuestas**

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_



Halla el valor de 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)  $5x + 24 = 64 - 5x$

**Respuestas**

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

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

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

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

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

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

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

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

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

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

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

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



Halla el valor de 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)  $5x + 24 = 64 - 5x$

$10x = 40$

$x = 4$

**Respuestas**1. 32. 93. 64. 75. 36. 57. 78. 39. 610. 911. 312. 4



Halla el valor de x.

6

9

3

5

7

6

3

7

9

3

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

**Respuestas**

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

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

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

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

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

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

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

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

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

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



Halla el valor de x.

1)  $5x + 72 = 87 + 0x$

2)  $-5 + 5x = 19 + 1x$

3)  $3x + 41 = 0x + 65$

4)  $66 + 3x = 81 + 0x$

5)  $3x + 19 = 55 - 6x$

6)  $5x + 7 = 70 - 2x$

7)  $-3x + 43 = -5x + 61$

8)  $-2x + 39 = -7x + 89$

9)  $-2x + 90 = 117 + -11x$

10)  $-2x + 89 = 105 + -4x$

11)  $58 + -2x = 73 + -7x$

12)  $3x + 25 = -6x + 88$

**Respuestas**

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

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

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

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

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

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

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

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

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

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

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

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



Halla el valor de x.

1)  $5x + 72 = 87 + 0x$

$5x = 15$

$x = 3$

2)  $-5 + 5x = 19 + 1x$

$4x = 24$

$x = 6$

3)  $3x + 41 = 0x + 65$

$3x = 24$

$x = 8$

4)  $66 + 3x = 81 + 0x$

$3x = 15$

$x = 5$

5)  $3x + 19 = 55 - 6x$

$9x = 36$

$x = 4$

6)  $5x + 7 = 70 - 2x$

$7x = 63$

$x = 9$

7)  $-3x + 43 = -5x + 61$

$2x = 18$

$x = 9$

8)  $-2x + 39 = -7x + 89$

$5x = 50$

$x = 10$

9)  $-2x + 90 = 117 + -11x$

$9x = 27$

$x = 3$

10)  $-2x + 89 = 105 + -4x$

$2x = 16$

$x = 8$

11)  $58 + -2x = 73 + -7x$

$5x = 15$

$x = 3$

12)  $3x + 25 = -6x + 88$

$9x = 63$

$x = 7$

**Respuestas**

1. 3

2. 6

3. 8

4. 5

5. 4

6. 9

7. 9

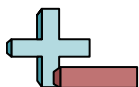
8. 10

9. 3

10. 8

11. 3

12. 7



Halla el valor de x.

4	6	9	9	5
3	3	8	10	8

1)  $5x + 72 = 87 + 0x$

2)  $-5 + 5x = 19 + 1x$

3)  $3x + 41 = 0x + 65$

4)  $66 + 3x = 81 + 0x$

5)  $3x + 19 = 55 - 6x$

6)  $5x + 7 = 70 - 2x$

7)  $-3x + 43 = -5x + 61$

8)  $-2x + 39 = -7x + 89$

9)  $-2x + 90 = 117 + -11x$

10)  $-2x + 89 = 105 + -4x$

**Respuestas**

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

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

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

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

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

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

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

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

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

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





Halla el valor de x.

1)  $32 - 3x = -5x + 40$

2)  $-5x + 73 = -8x + 85$

3)  $53 + 1x = 59 - 2x$

4)  $2x + 60 = 95 + -3x$

5)  $-2x + 51 = -4x + 55$

6)  $50 + -4x = -8x + 74$

7)  $5x + 1 = 11 + 3x$

8)  $36 + 2x = -6x + 52$

9)  $-3x + 75 = 83 - 5x$

10)  $-3x + 64 = -7x + 96$

11)  $1x + 32 = 38 + -1x$

12)  $-12 + 4x = 16 + 0x$

**Respuestas**

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

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

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

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

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

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

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

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

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

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

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

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



Halla el valor de x.

1)  $32 - 3x = -5x + 40$

$2x = 8$

$x = 4$

2)  $-5x + 73 = -8x + 85$

$3x = 12$

$x = 4$

3)  $53 + 1x = 59 - 2x$

$3x = 6$

$x = 2$

4)  $2x + 60 = 95 + -3x$

$5x = 35$

$x = 7$

5)  $-2x + 51 = -4x + 55$

$2x = 4$

$x = 2$

6)  $50 + -4x = -8x + 74$

$4x = 24$

$x = 6$

7)  $5x + 1 = 11 + 3x$

$2x = 10$

$x = 5$

8)  $36 + 2x = -6x + 52$

$8x = 16$

$x = 2$

9)  $-3x + 75 = 83 - 5x$

$2x = 8$

$x = 4$

10)  $-3x + 64 = -7x + 96$

$4x = 32$

$x = 8$

11)  $1x + 32 = 38 + -1x$

$2x = 6$

$x = 3$

12)  $-12 + 4x = 16 + 0x$

$4x = 28$

$x = 7$

**Respuestas**1. 42. 43. 24. 75. 26. 67. 58. 29. 410. 811. 312. 7



Halla el valor de x.

4	8	6	2	4
7	2	5	4	2

1)  $32 - 3x = -5x + 40$

2)  $-5x + 73 = -8x + 85$

3)  $53 + 1x = 59 - 2x$

4)  $2x + 60 = 95 + -3x$

5)  $-2x + 51 = -4x + 55$

6)  $50 + -4x = -8x + 74$

7)  $5x + 1 = 11 + 3x$

8)  $36 + 2x = -6x + 52$

9)  $-3x + 75 = 83 - 5x$

10)  $-3x + 64 = -7x + 96$

**Respuestas**

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_



Halla el valor de x.

1)  $-3x + 81 = -8x + 101$

2)  $59 - 4x = -12x + 75$

3)  $52 - 2x = 108 - 10x$

4)  $66 - 1x = 78 - 3x$

5)  $39 + 3x = 59 - 1x$

6)  $2x + 42 = 0x + 48$

7)  $4x + 19 = 75 - 3x$

8)  $1x + 81 = 126 - 4x$

9)  $91 + -5x = 121 + -8x$

10)  $1x + 49 = -3x + 85$

11)  $-3x + 82 = -10x + 110$

12)  $94 + -3x = -12x + 121$

**Respuestas**

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

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

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

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

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

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

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

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

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

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

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

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



Halla el valor de x.

1)  $-3x + 81 = -8x + 101$

$5x = 20$

$x = 4$

2)  $59 - 4x = -12x + 75$

$8x = 16$

$x = 2$

3)  $52 - 2x = 108 - 10x$

$8x = 56$

$x = 7$

4)  $66 - 1x = 78 - 3x$

$2x = 12$

$x = 6$

5)  $39 + 3x = 59 - 1x$

$4x = 20$

$x = 5$

6)  $2x + 42 = 0x + 48$

$2x = 6$

$x = 3$

7)  $4x + 19 = 75 - 3x$

$7x = 56$

$x = 8$

8)  $1x + 81 = 126 - 4x$

$5x = 45$

$x = 9$

9)  $91 + -5x = 121 + -8x$

$3x = 30$

$x = 10$

10)  $1x + 49 = -3x + 85$

$4x = 36$

$x = 9$

11)  $-3x + 82 = -10x + 110$

$7x = 28$

$x = 4$

12)  $94 + -3x = -12x + 121$

$9x = 27$

$x = 3$

**Respuestas**

1. 4

2. 2

3. 7

4. 6

5. 5

6. 3

7. 8

8. 9

9. 10

10. 9

11. 4

12. 3



Halla el valor de x.

2	4	5	6	9
9	7	10	8	3

1)  $-3x + 81 = -8x + 101$

2)  $59 - 4x = -12x + 75$

3)  $52 - 2x = 108 - 10x$

4)  $66 - 1x = 78 - 3x$

5)  $39 + 3x = 59 - 1x$

6)  $2x + 42 = 0x + 48$

7)  $4x + 19 = 75 - 3x$

8)  $1x + 81 = 126 - 4x$

9)  $91 + -5x = 121 + -8x$

10)  $1x + 49 = -3x + 85$

**Respuestas**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_