



Find the value of x.

1) $3x + 14 = 77 - 4x$

2) $68 - 2x = 74 - 5x$

3) $-11 + 3x = 29 + -2x$

4) $5x + 69 = -2x + 83$

5) $61 - 3x = 97 - 12x$

6) $70 + -3x = -10x + 119$

7) $75 + 1x = 135 + -9x$

8) $-2x + 52 = 79 + -11x$

9) $-4x + 64 = 144 - 12x$

10) $-4x + 68 = 80 - 8x$

11) $61 + 4x = 81 - 6x$

12) $2 + 2x = 42 - 3x$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____



Find the value of x.

1) $3x + 14 = 77 - 4x$

$7x = 63$

$x = 9$

2) $68 - 2x = 74 - 5x$

$3x = 6$

$x = 2$

3) $-11 + 3x = 29 + -2x$

$5x = 40$

$x = 8$

4) $5x + 69 = -2x + 83$

$7x = 14$

$x = 2$

5) $61 - 3x = 97 - 12x$

$9x = 36$

$x = 4$

6) $70 + -3x = -10x + 119$

$7x = 49$

$x = 7$

7) $75 + 1x = 135 + -9x$

$10x = 60$

$x = 6$

8) $-2x + 52 = 79 + -11x$

$9x = 27$

$x = 3$

9) $-4x + 64 = 144 - 12x$

$8x = 80$

$x = 10$

10) $-4x + 68 = 80 - 8x$

$4x = 12$

$x = 3$

11) $61 + 4x = 81 - 6x$

$10x = 20$

$x = 2$

12) $2 + 2x = 42 - 3x$

$5x = 40$

$x = 8$

Answers1. 92. 23. 84. 25. 46. 77. 68. 39. 1010. 311. 212. 8



Find the value of x.

6

2

3

7

3

4

8

2

9

10

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Answers

1. _____

2. _____

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5. _____

6. _____

7. _____

8. _____

9. _____

10. _____