



Find the value of x.

1) $65 + -3x = -6x + 83$

2) $102 + -4x = 192 + -14x$

3) $-4x + 73 = 93 - 6x$

4) $4x + 40 = 46 + 2x$

5) $73 - 5x = -15x + 163$

6) $38 + 3x = 110 + -5x$

7) $-2x + 95 = -12x + 165$

8) $60 + 4x = -2x + 84$

9) $76 + -3x = -8x + 96$

10) $5x + 30 = -1x + 42$

11) $-1x + 92 = -9x + 140$

12) $86 - 1x = -8x + 107$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____



Find the value of x.

$$1) \quad 65 + -3x = -6x + 83$$

$$3x = 18$$

$$x = 6$$

$$2) \quad 102 + -4x = 192 + -14x$$

$$10x = 90$$

$$x = 9$$

$$3) \quad -4x + 73 = 93 - 6x$$

$$2x = 20$$

$$x = 10$$

$$4) \quad 4x + 40 = 46 + 2x$$

$$2x = 6$$

$$x = 3$$

$$5) \quad 73 - 5x = -15x + 163$$

$$10x = 90$$

$$x = 9$$

$$6) \quad 38 + 3x = 110 + -5x$$

$$8x = 72$$

$$x = 9$$

$$7) \quad -2x + 95 = -12x + 165$$

$$10x = 70$$

$$x = 7$$

$$8) \quad 60 + 4x = -2x + 84$$

$$6x = 24$$

$$x = 4$$

$$9) \quad 76 + -3x = -8x + 96$$

$$5x = 20$$

$$x = 4$$

$$10) \quad 5x + 30 = -1x + 42$$

$$6x = 12$$

$$x = 2$$

$$11) \quad -1x + 92 = -9x + 140$$

$$8x = 48$$

$$x = 6$$

$$12) \quad 86 - 1x = -8x + 107$$

$$7x = 21$$

$$x = 3$$

Answers

1. 6

2. 9

3. 10

4. 3

5. 9

6. 9

7. 7

8. 4

9. 4

10. 2

11. 6

12. 3



Find the value of x.

3

4

7

9

10

9

2

9

6

4

1) $65 + -3x = -6x + 83$

2) $102 + -4x = 192 + -14x$

3) $-4x + 73 = 93 - 6x$

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8) $60 + 4x = -2x + 84$

9) $76 + -3x = -8x + 96$

10) $5x + 30 = -1x + 42$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____