



Find the value of 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) $-4x + 108 = 189 - 13x$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____



Find the value of x.

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

$$3x = 12$$

$$x = 4$$

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

$$5x = 15$$

$$x = 3$$

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

$$5x = 25$$

$$x = 5$$

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

$$3x = 18$$

$$x = 6$$

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

$$3x = 24$$

$$x = 8$$

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

$$7x = 21$$

$$x = 3$$

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

$$4x = 36$$

$$x = 9$$

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

$$6x = 24$$

$$x = 4$$

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

$$10x = 60$$

$$x = 6$$

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

$$4x = 32$$

$$x = 8$$

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

$$3x = 15$$

$$x = 5$$

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

$$9x = 81$$

$$x = 9$$

Answers

1. 4

2. 3

3. 5

4. 6

5. 8

6. 3

7. 9

8. 4

9. 6

10. 8

11. 5

12. 9



Find the value of x.

8

6

6

8

4

9

4

3

3

5

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

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____