



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

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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. _____