Name Date

Homework Section 10.2

Chapter

10

Use the equation y = x – 7 for 1-9.

Answers

1-9. see table

10.

11.

12.

13.

14.

15.

16.

|  |  |  |  |
| --- | --- | --- | --- |
| x | x – 7 | y | (x,y) |
| 0 |  |  |  |
| -3 |  |  |  |
| 10 |  |  |  |

1-9. Complete the table.

10. Graph the equation.

**11.** Is (-1,6) a solution of the equation.

**12.** Is (5,-2) a solution of the equation.

Find three solutions to each equation.

13. y = x – 2

14. y = x

15. y = 5x

Answers

16.

17.

18.

19.

20.

21. see graph

22. see graph

23. see graph

24. see graph

25.

16. y = 3x + 1

Tell if ordered pair is a solution of y = x + 12.

17. (-12, 24) 18. (0,-12)

19. (7,19) 20. (6,15)

Graph each equation.

21. y = x – 1 22. y = 3x



 23. y = x +4 24. y = 2 – x

25. Does the graph of the equation y = x – 5 passes through the second quadrant. Explain.