NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_DATE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_PERIOD\_\_\_\_

4.3 – FUNCTIONS #2

Determine whether each relation is a function. If it is not a function, tell why.

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1. \_\_\_\_\_\_\_\_ 2. \_\_\_\_\_\_\_\_

3. \_\_\_\_\_\_\_\_ 4. \_\_\_\_\_\_\_\_

1. \_\_\_\_\_\_\_\_

6. \_\_\_\_\_\_\_\_

If and , find each value.

7. 8. 9.

10. 11. 12.

13. 14. 15.

16. If , find the range if the domain is .

Use the graph to answer the following.



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17. List the ordered pairs in the relation.

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18. What is the domain of the relation?

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19. What is the range of the relation?

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20. Is the relation a function?\_\_\_\_\_\_\_\_\_\_ Why?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

21. \_\_\_\_\_\_\_ 22. \_\_\_\_\_\_\_ 23. \_\_\_\_\_\_\_

24. , \_\_\_\_\_\_ 25. , \_\_\_\_\_\_\_ 26. , \_\_\_\_\_\_\_

Find the domain and range of the following.

27. 28. 29.



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 D:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ D:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ D:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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