SHOW ALL WORK on the worksheet

Let , , and , find:

1. 2. 3. 4.

Determine if each relation is a function and explain

5. 6. Input Output

0

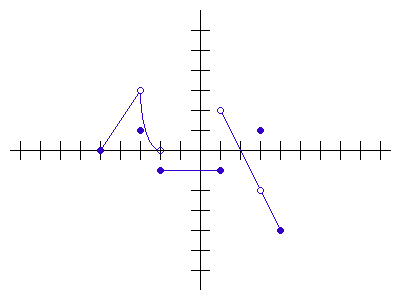
1

2

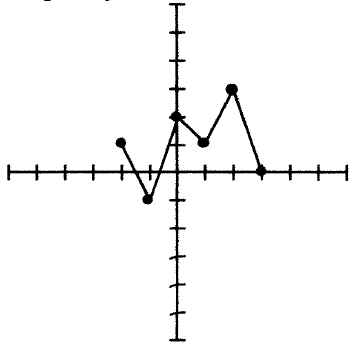
3

7

9

7.

8. Determine the domain, range, intercepts, intervals of increase, intervals of decrease, maximums, minimums, end behavior, lines of symmetry, and if the function is even or odd based on the given graph

Domain: Range:

x-int: y-int:

Increase: Decrease:

End Behavior:

Lines of Symmetry: Even or Odd:

Graph each function. State the parent function, transformation, and identify the key characteristics

9. 10.



11. 12.

