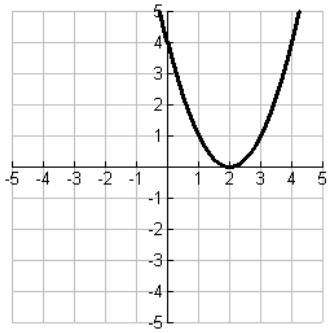
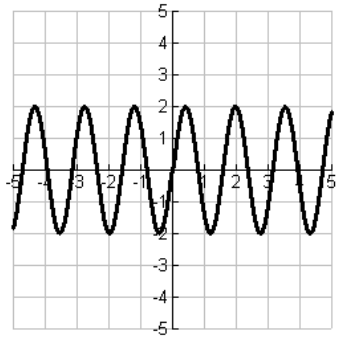
Domain and Range Worksheet Secondary II NAME_____ HOUR_____

Find the domain and range for each graph then determine if the graph is a function

1.



2.



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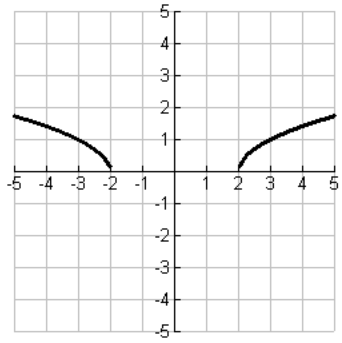

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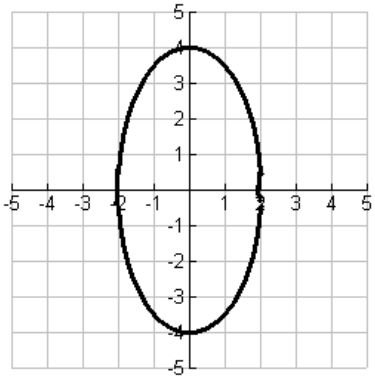

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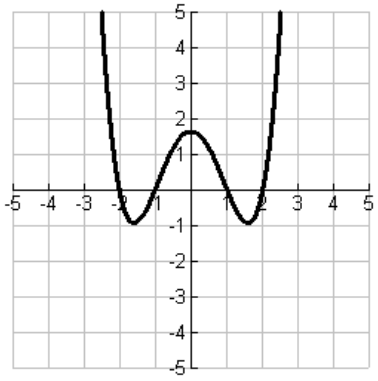

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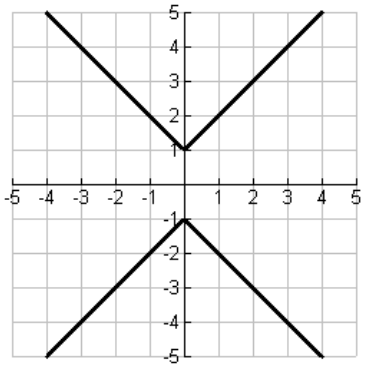

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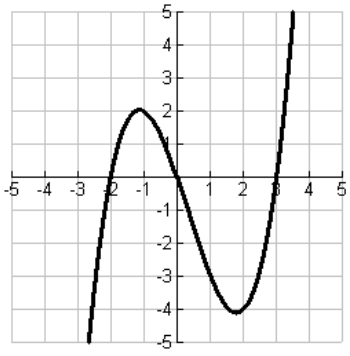

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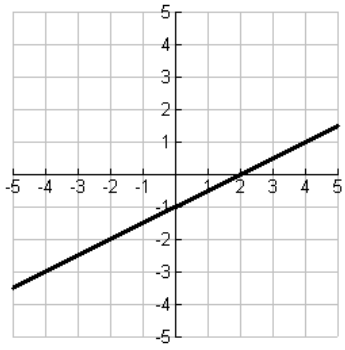

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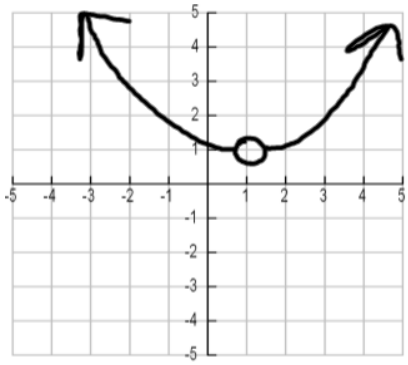

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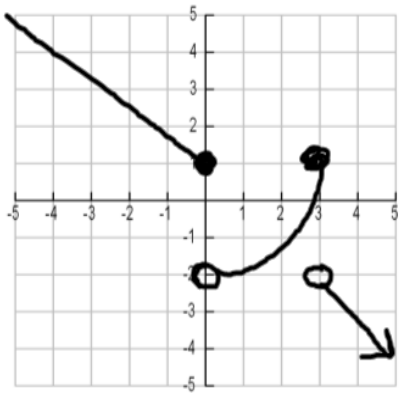

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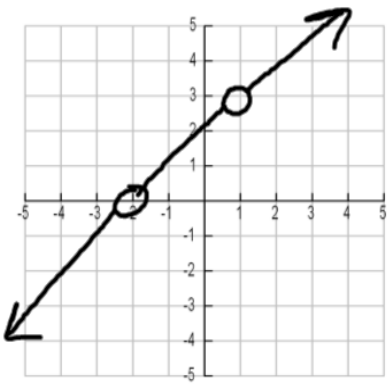

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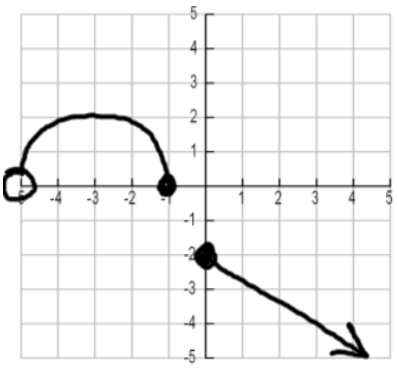

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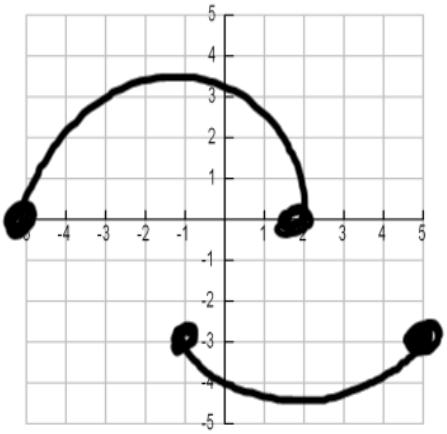

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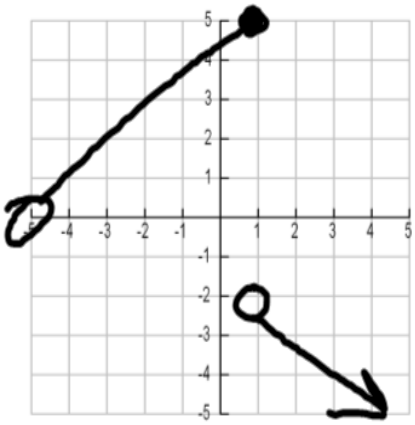

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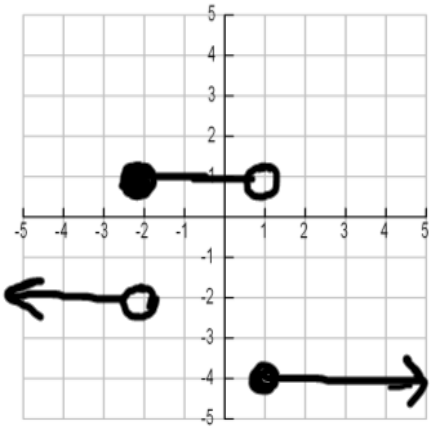

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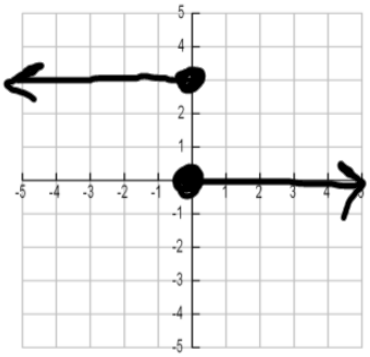

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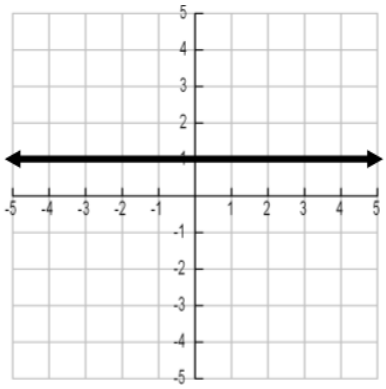

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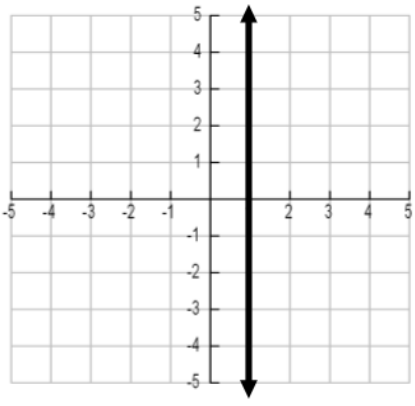
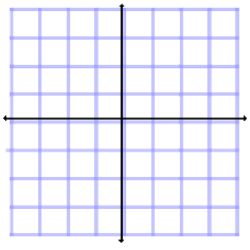
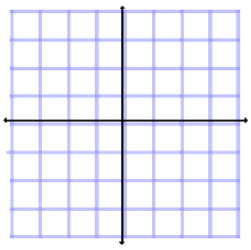
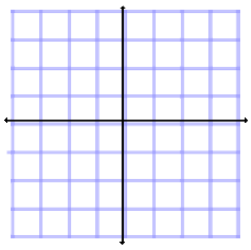
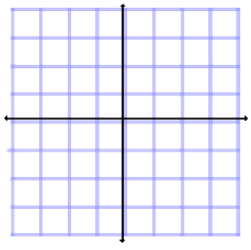


19. Draw two functions and two non functions on the graphs below and determine their domains and ranges.









1) D: x=All real R: $y \geq 0$
   Function
2) D: x=All real R: $-2 \leq y \leq 2$
   Function
3) D: $x \leq -2, x \geq 2$ R: $y \geq 0$
   Function
4) D: $-2 \leq x \leq 2$ R: $-4 \leq y \leq 4$
   Not a function
5) D: x=All real R: $y \geq -1$
   Function
6) D: x=All real R: $y \leq -1$ $y \geq 1$
   Not a function
7) D: x=All real R: x=All real
   Function
8) D: x=All real R: x=All real
   Function
9) D: x=all real but $x \neq 1$ R: $y > 1$
   Function
10) D: x=all real R: x=all real but $y \neq -2$
    Function
11) D: $x \neq -2, x \neq 1$ R: x=all real but $y \neq 0, y \neq 3$
    Function
12) D: $-5 < x \leq 1, x \geq 0$ R: $0 \leq y \leq 2, y \leq -2$
    Function
13) D: $-5 \leq x \leq 5$, R: $0 \leq y \leq 3.5, -4.5 \leq y \leq -3$
    Not a function
14) D: $x > -5$ R: $0 < y \leq 5, y < -2$
    Function
15) D: x=all real R: y = 1, -2, -4
    Function
16) D: x=all real, R; y=3, y=0
    Not a function
17) D: x=all real R: y = 1
    Function
18) D: x=1 R: y=all real
    Not a function
19) Answers will vary