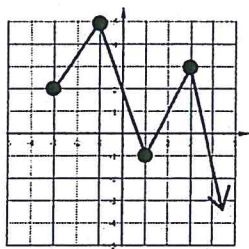
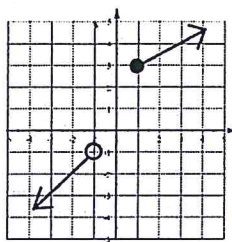


Hon Alg 2 Bellwork Monday, April 17, 2017

1. State the Domain and Range of the Inverse Relation of each.



a)



b)

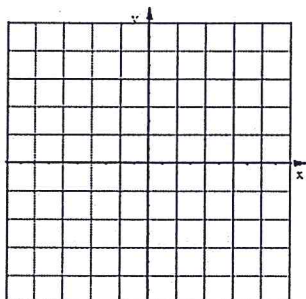
2. Write the equation of the inverse relation for each.

a) $f(x) = \frac{7(x-9)^6 + 1}{8}$

b) $y = \frac{2}{x-7} + 1$

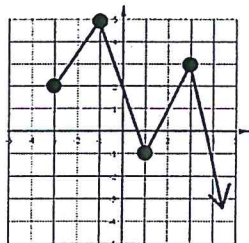
3. Fill out the table of values then plot the graph of this function using three points. Coordinates should be integer values only. $y = 2\sqrt{x+5} - 3$

X	Y



Hon Alg 2 Bellwork Monday, April 17, 2017

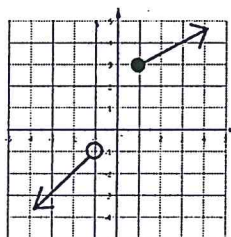
1. State the Domain and Range of the Inverse Relation of each.



a)

Domain f^{-1} :
 $x \leq 5$

Range f^{-1} :
 $y \geq -3$



b)

Domain f^{-1} :
 $x < -1, x \geq 3$

Range f^{-1} :
 $y < -1, y \geq 1$

2. Write the equation of the inverse relation for each.

a) $f(x) = \frac{7(x-9)^6 + 1}{8}$

$f^{-1} = \pm \sqrt[6]{\frac{8x-1}{7}} + 9$

b) $y = \frac{2}{x-7} + 1$

$f^{-1} = \frac{2}{x-1} + 7$

3. Fill out the table of values then plot the graph of this function using three points. Coordinates should be integer values only. $y = 2\sqrt{x+5} - 3$

X	Y
-5	-3
-4	-1
-1	1

