

Formative Assessment #11 – Equations and Graphs of Inverses

RF3.6: I can determine the equation and sketch the graph of the inverse of a relation given the equation of a linear function.

1. Sketch and highlight the graph of the inverse of the function $f(x) = 2x - 1$. As part of your solution, include a table of values containing at least three points on the graph of the inverse. Also, graph and label the line of reflection.

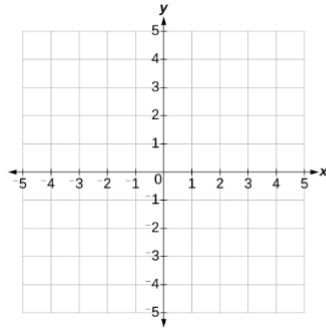



Image Points

x	y

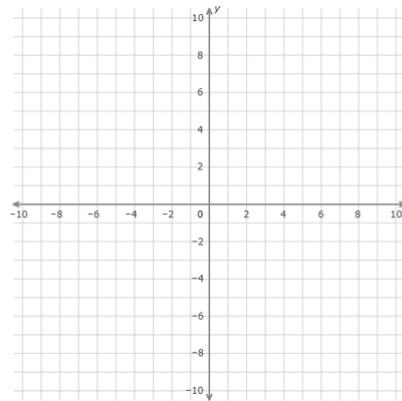
Code(s)	Learning Categories						 Assessed by:
RF3.6	EH	EL	AH	AL	NH	NL	
Notes							


RF3.6: I can determine the equation and sketch the graph of the inverse of a relation given the equation of a quadratic function.

2. Given: $f(x) = (x + 3)^2 - 7, x \leq -3$

a) Determine the equation of the inverse of $f(x)$ and express it using appropriate notation.

b) Draw the graph of the inverse of $f(x)$ on the set of axes below.



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	b)	EH	EL	AH	AL	NH	NL		
Notes									