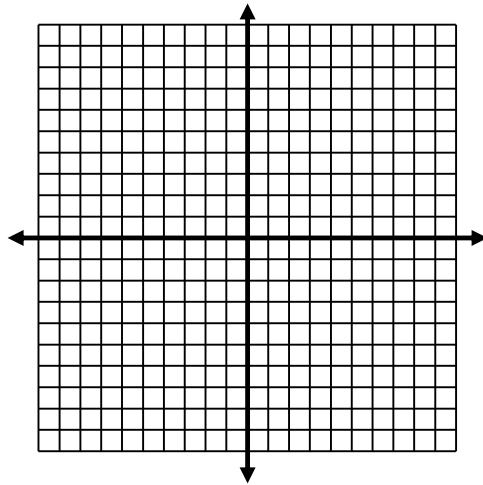


Logarithm Graphs

The logarithm function is an _____ of the exponential function.

$$f(x) = 2^x$$

x	$f(x)$
-2	
-1	
0	
1	
2	
3	



$$f^{-1}(x) = \log_2 x$$

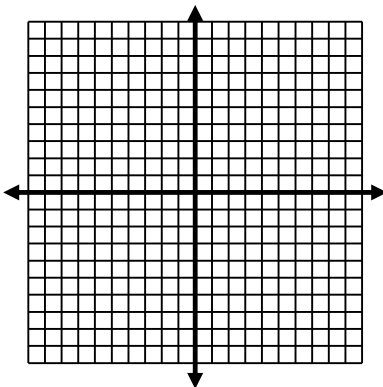
x	$f^{-1}(x)$

Characteristics of the parent functions:

<p><i>Exponential:</i></p> 	<p><i>Logarithmic:</i></p>
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Examples: Graph each of the functions.

1. $f(x) = 3 + \log_2(x - 1)$



2. $f(x) = \log_2 \frac{x}{32}$

