```
Name:_____
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- One-To-One Functions
 - A function f is *one-to-one* if different inputs have different outputs. That is, if for a and b in the domain of f with $a \neq b$, we have $f(a) \neq f(b)$, then the function f is one-to-one. If a function is one-to-one, then its inverse correspondence is also a function.
 - Exponential Functions:
 - $\circ y = b^x$
 - \circ $\,$ b is some constant, $b \neq 1 or \, 0$ and x is any real number
 - Examples:



3. $f(x) = 3^x + 2$

4.
$$f(x) = (3)^{-\frac{1}{2}x} - 1$$











y







