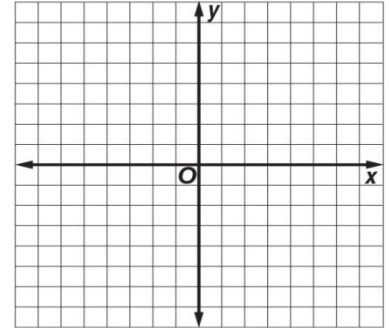Name:_____

3.1 (day 1) Practice

1. Analyze the graph of $h(x) = -2\left(\dfrac{1}{4}\right)^{x-1} + 3$ and find the following information.  Then, graph it.
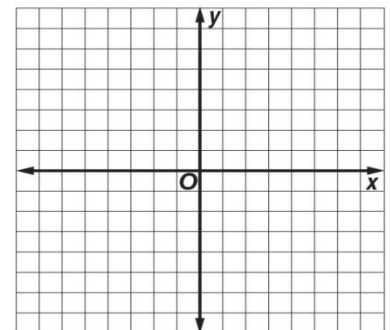
Transformations:_____

End Behavior:_____ _____

Domain:_____    Range: _____    Asymptote Equation: _____

2. Analyze the graph of $j(x) = e^{-x} - 3$ and find the following information. Then, graph it.    $e^1 \approx 2.7, e^{-1} \approx .4$

Transformations:_____

End Behavior:_____ _____

Domain:_____    Range: _____    Asymptote Equation: _____