

HOMEWORK QUIZ - Exponential & Logistic Functions

Date: _____ Form A

Name _____

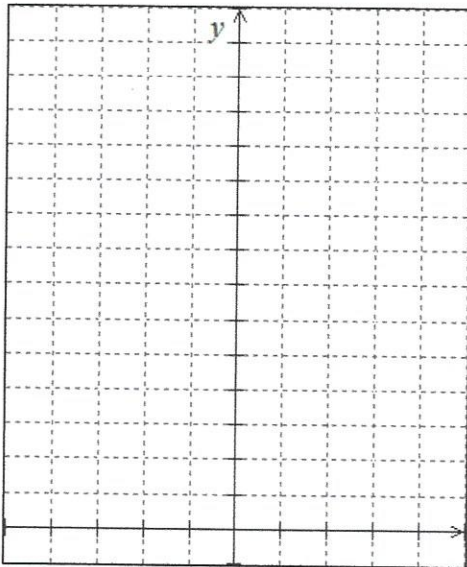
1. Find the exact value of the function without using a calculator. Given: $f(x) = 6 \cdot 4^x$ for $x = -2$

2. Describe the transformation of $f(x) = e^x$ to $g(x) = -e^{x+2}$

Problems 3 - 4: $f(x) = 3\left(\frac{1}{2}\right)^x$

3. State the initial value and the base.

4. Sketch.



Grade: _____

HOMEWORK QUIZ - Exponential & Logistic Functions

Date: _____ Form B

Name _____

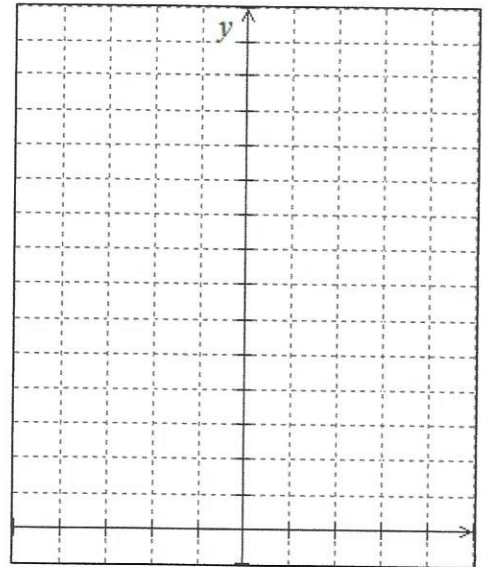
1. Find the exact value of the function without using a calculator. Given: $f(x) = 3 \cdot 2^x$ for $x = -3$

2. Describe the transformation of $f(x) = e^x$ to $g(x) = 2e^x - 3$

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

3. State the initial value and the base.

4. Sketch.



Grade: _____