

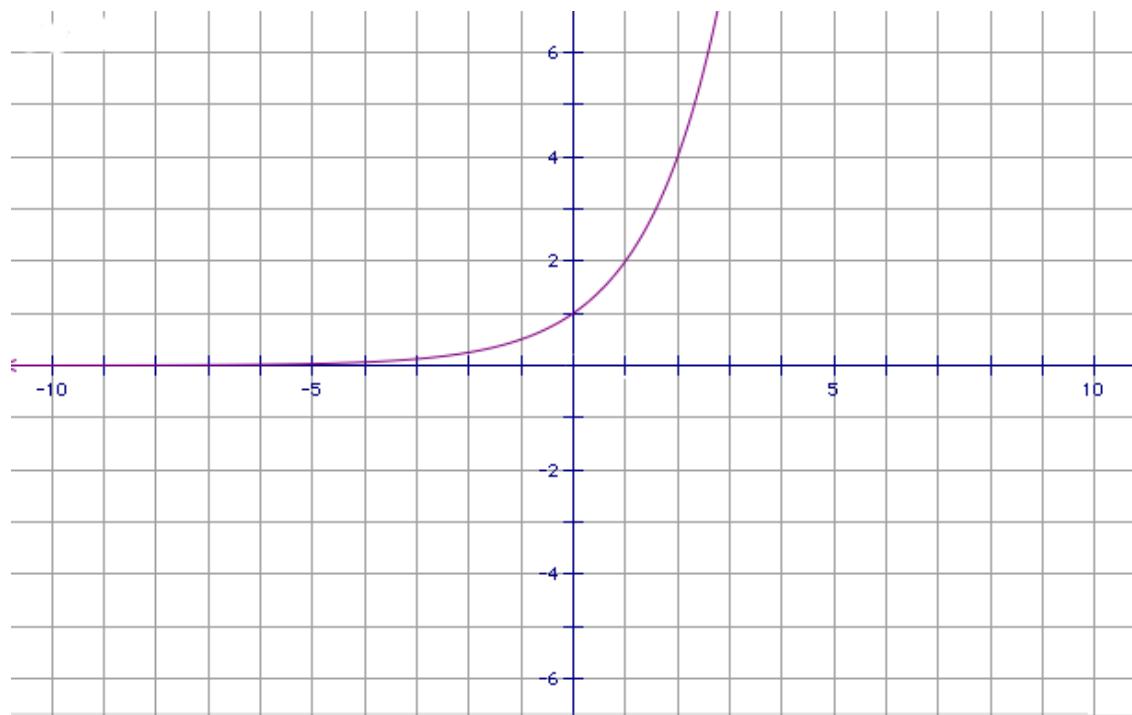
Name: _____

This quiz covers: 3.4 and 4.1.

Directions: Complete all question and **show all applicable work.** Partial credit will be given. All questions are equally weighted.

1.) Sketch the graph of $f(x) = 2^x$.

2.) Given the sketch of $f(x)$ below, sketch $f(x - 2)$. You may use the same graph.



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3.) Sketch a rough graph of the polynomial:

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