

Algebraic Reasoning

Name: _____

Per: _____

POINTS: _____

Classwork #22 Quiz

Be sure to include your work when appropriate.

Describe the transformation of the exponential parent function, $f(x) = b^x$ that will result in the graph of the exponential function given.

1. $f(x) = 9^x$

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

3. $f(x) = 2^{0.5x + 3}$

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