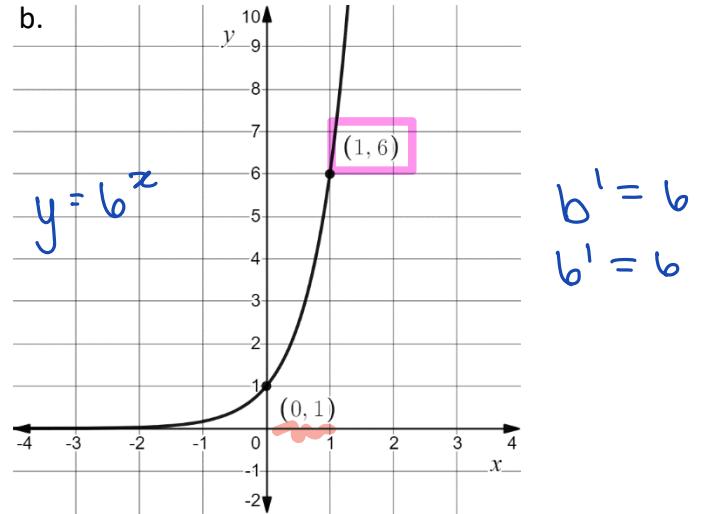
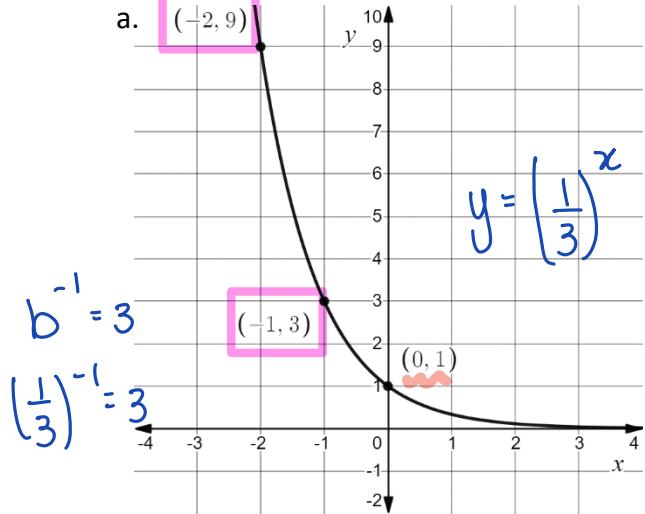
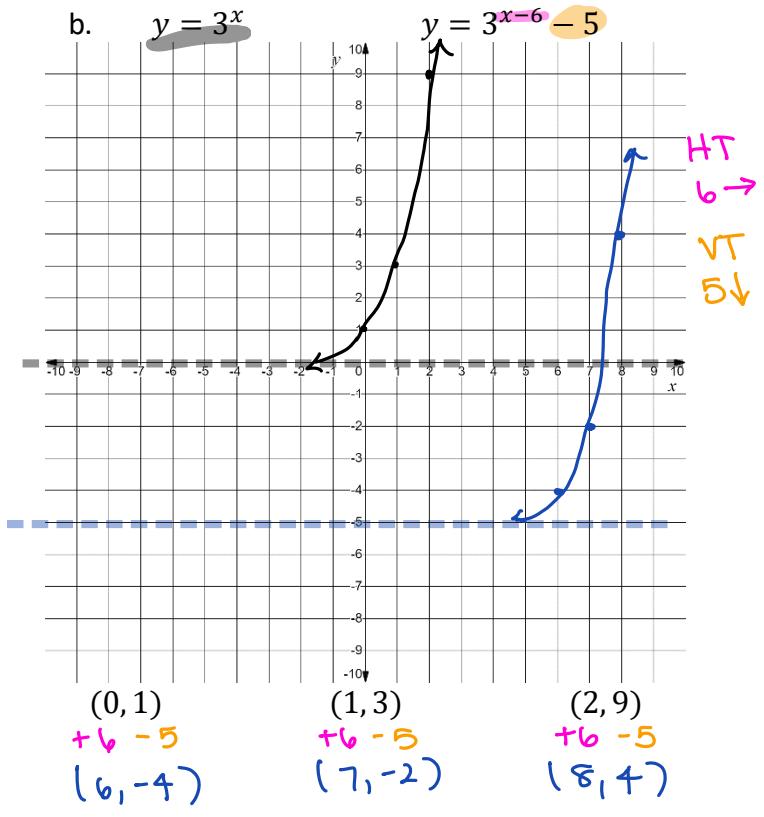
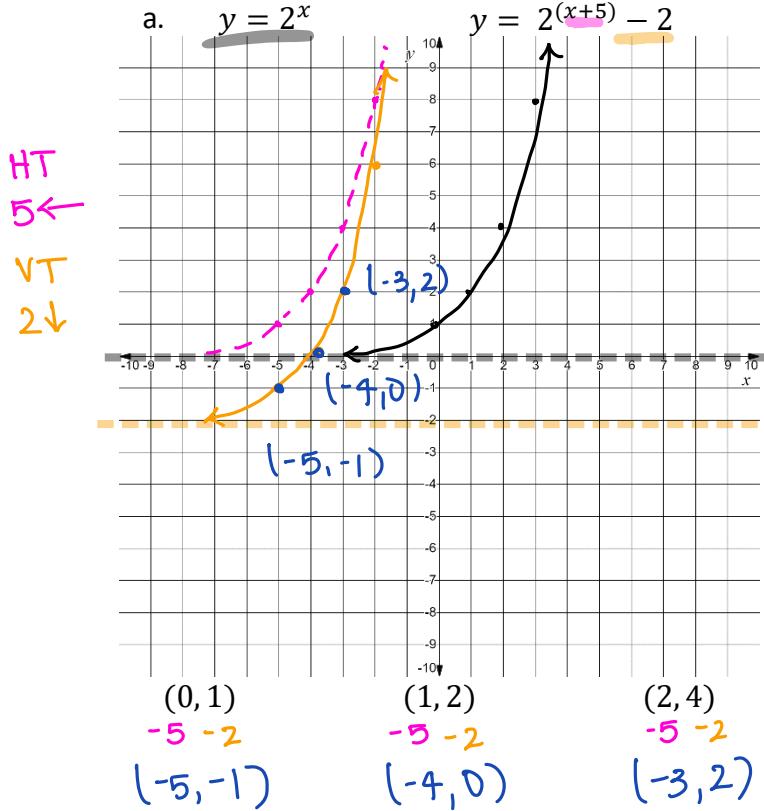


Name: _____

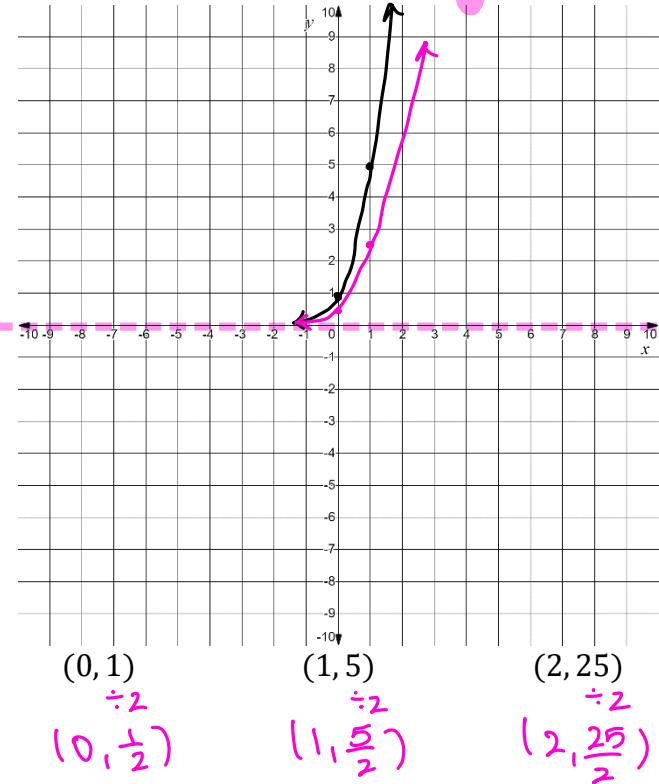
Date: _____

Learning Goal 7.1

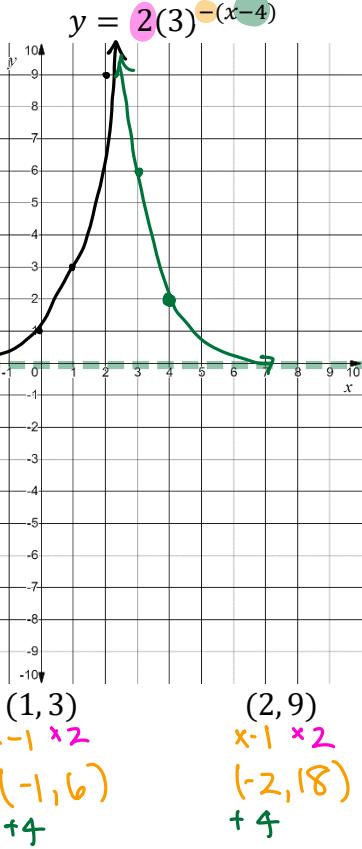
Applying one or more transformations to an exponential function, including translations, stretches and reflections.

Example What function in the form $y = b^x$ can be used to describe the graph shown?**Example** Sketch each base function, then each of the following transformations, without using technology. Identify the transformed values of the given coordinates.

c. $y = 5^x$



e. $y = 3^x$



Assignment

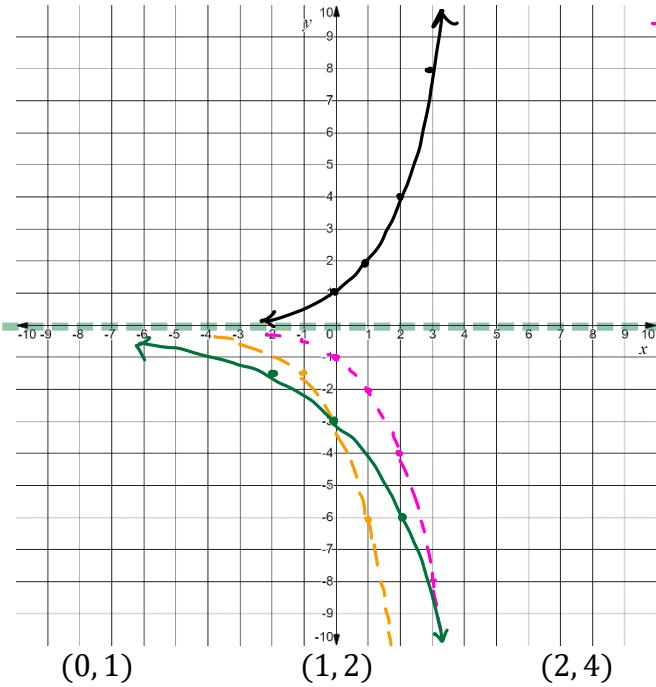
(4, 2)

(3, 6)

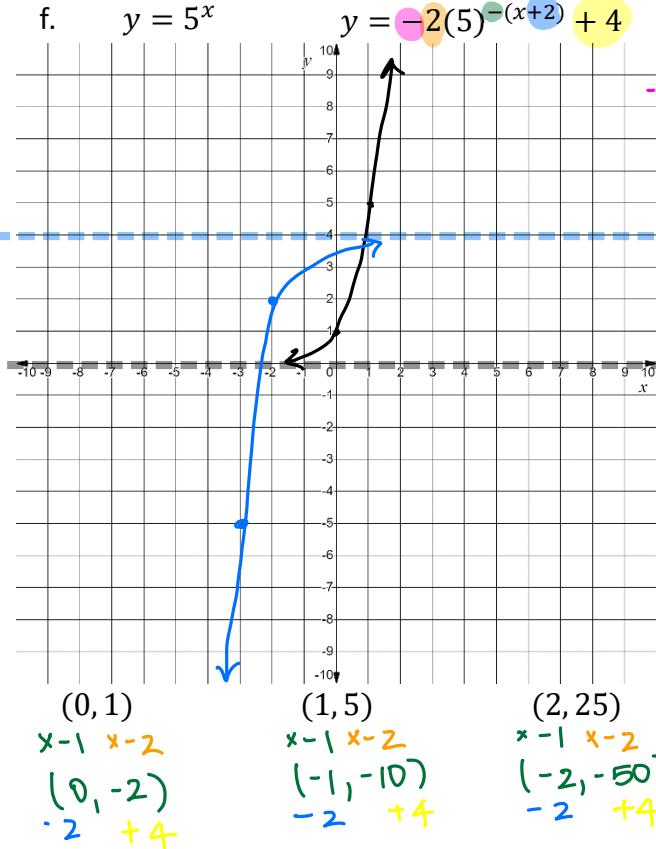
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(2, 18)

d. $y = 2^x$



f. $y = 5^x$



Quiz Next Day!

(1, -3, -6)

(1, -4, -46)