Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pd: \_\_\_\_\_\_

Algebra U10L1: Exploring Graphs of Exponential Functions

**Warm Up Exploration (using your graphing calculator):**

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**Notes:**

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In an exponential function $f(x) = ab^{x}$

**a** = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

If b > 1, **b** = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_; If 0 < b < 1, **b** = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Growth Rate**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Decay Rate**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Examples:**





Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pd: \_\_\_\_\_\_

U10L1 - Exit Ticket

