

## Creating Exponential Equations – Day 3

Unit 3: Comparing Functions - Modeling & Transformations

**Find the EXPONENTIAL equation of the line that best describes the provided information.**

1.  $(1, 2)$  and  $(2, 8192)$

2.  $(3, -243)$  and  $(5, -19683)$

3.  $(3, 25)$  and  $(6, 3125)$

4.  $(2, -10)$  and  $(6, -100000)$

5.  $(-2, -1331)$  and  $(1, -1)$

6.  $(2, 52)$  and  $(7, 1664)$