

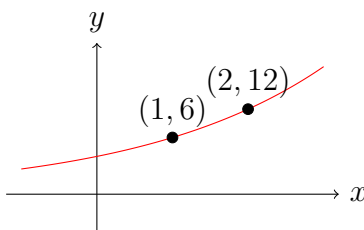
Name: _____

Student ID Number: _____

Spring 2022 Math 5A Worksheet 1

1. Sketch the graph of the curve $y = -3(x + 2)^2 + 1$ using graph transformations.

2. Find the exponential function $f(x) = Cb^x$ whose graph is given



3. Find the domain and range of the following function, and sketch it

$$y(x) = \sqrt{4 - x^2}$$

(Hint: $y^2 + x^2 = 4$.)