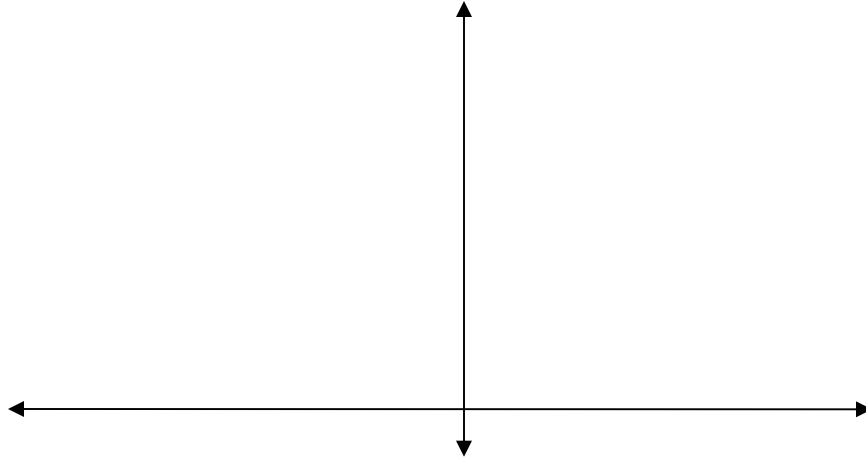


**162 Quiz 3**

Name \_\_\_\_\_

1. Graph  $y = 2^x$  by completing the following ordered pairs, plotting the points, and drawing a smooth curve between them.

$(-3, \quad), (-2, \quad), (-1, \quad), (0, \quad), (1, \quad), (2, \quad), (3, \quad)$



2. Without doing work, graph  $y = 2^{-x}$  on the same axis above.
3. If you invest \$1 at 100% interest compounded continuously for one year, how much money do you have at the end of the year?
4. What is  $36^{-\frac{3}{2}}$ ? Write your answer without exponents or decimals.