

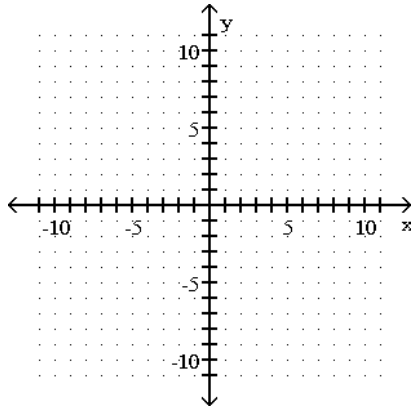
Math 002  
Quiz # 1 (A)

Name \_\_\_\_\_ SN# \_\_\_\_\_

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

Graph the function. Describe its position relative to the graph of the indicated basic function.

1)  $f(x) = 2^x + 4$ ; relative to  $f(x) = 2^x$



Fill in the missing coordinate in each ordered pair so that the pair is a solution to the given equation.

2)  $y = 3^x$   
 $(0, \quad)$ ,  $(\quad, 27)$ ,  $(-1, \quad)$ ,  $(-3, \quad)$

Find the domain and the vertical asymptote of the function.

3)  $f(x) = \log(x-2)^2$