

# Analyze Graphs

1) Equation of Graph

2) Calculator Notation

3) Classify / Type of Graph

4) Function? yes/no

5) One-to-One Function? yes/no

6) State any Symmetry:

7) Domain:

8) Range:

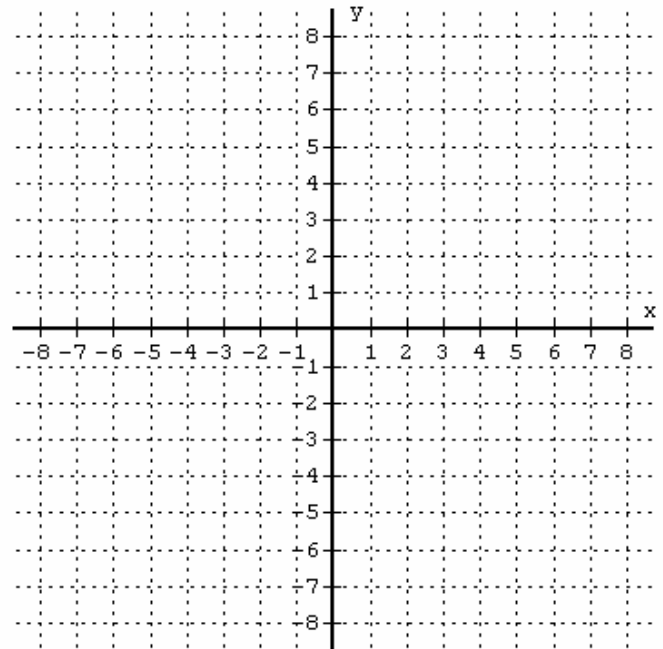
9)  $x$ -intercept(s):

10)  $y$ -intercept(s):

11) Where is  $f(x) < 0$  ?  
State the values of  $x$  using interval notation.

12) Where is  $f(x) \geq 0$  ?  
State the values of  $x$  using interval notation.

13) Where does  $f(x) = 0$ ?



14) Where is  $f(x)$  increasing?  
State the values of  $x$  using interval notation.

15) Where is  $f(x)$  decreasing?  
State the values of  $x$  using interval notation.

16) Absolute Maximum value:

17) Absolute Minimum value:

18) Equation(s) of any Asymptote(s).