

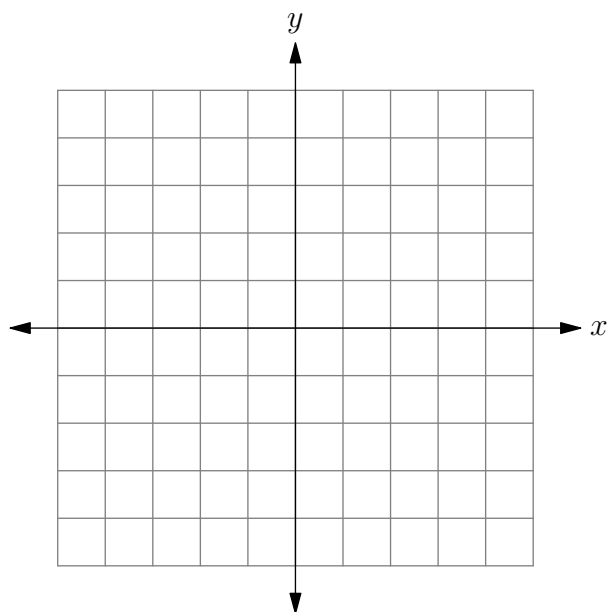
Quiz 2: Functions and inequalities

MAT 123, SUMMER 2016

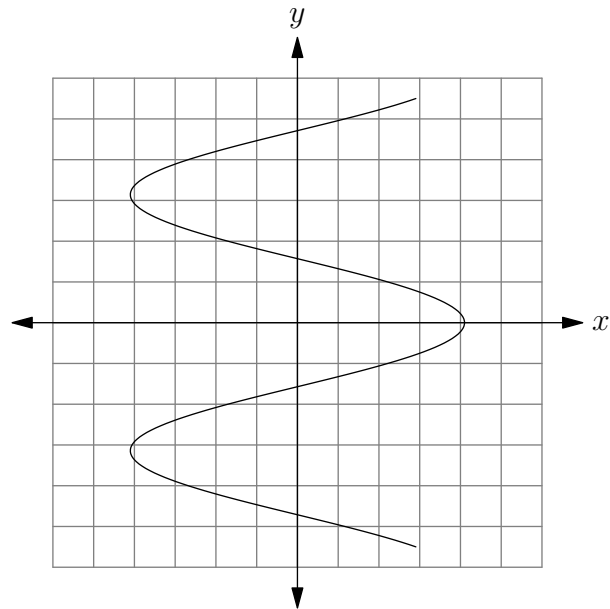
NAME:

1. (5 points) Find the equation of the line passing through the points $(-3, 5)$ and $(1, -1)$.

2. (5 points) Graph $y = 5 - x^2$.



3. (5 points) Is the graph in the figure the graph of a function? Give a reason for your answer.



4. (5 points) Solve $3(2 - x) - 2 \leq 2x - 1$. Make a picture of your solutions on a number line, and write the answer using interval notation.