

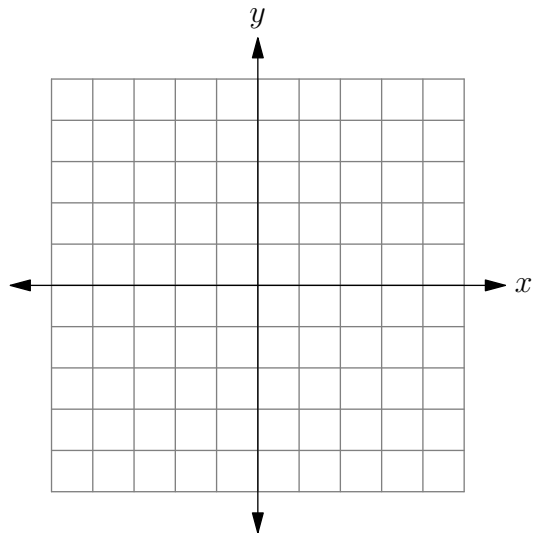
Retake 6B: Graphs and geometry

MATH 1110, FALL 2017

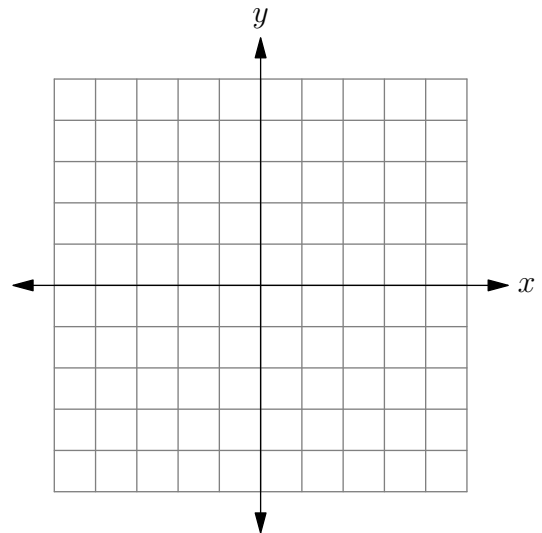
NAME:

Graph each of the functions. Your graph should show the correct shape and the coordinates of the two or three points that are easy to find.

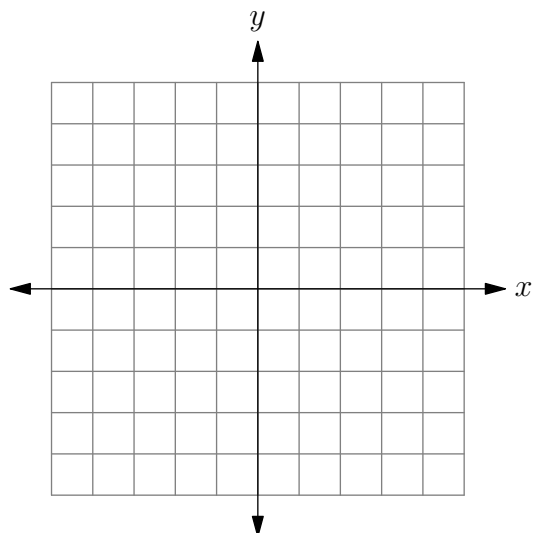
1. (3 points) $f(x) = x^4$



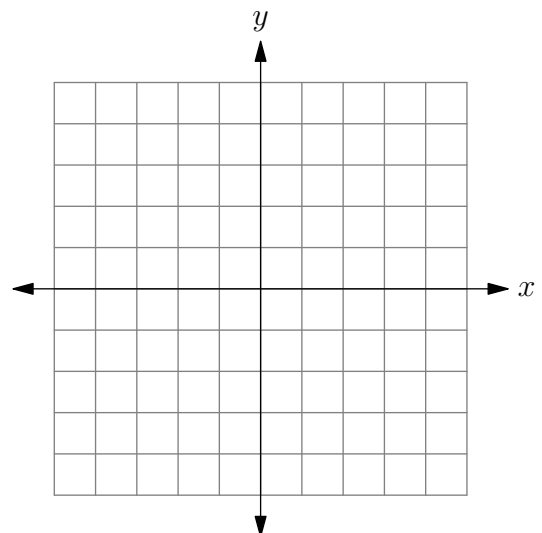
2. (3 points) $f(x) = (x + 1)^4$



3. (3 points) $f(x) = x^{1/5}$



4. (3 points) $f(x) = -x^{-3} + 2$



5. (8 points) A garden is constructed in the shape of a right triangle. The legs of the triangle have lengths 15 feet and x feet. Find a function that expresses the area of the garden as a function of x .

