

## HW PROBLEMS ON GRAPHING

MATH 141 – SPRING 2011 – PROF. L. FINOTTI

Sketch the graph the following functions. You can use you calculator only to get numerical values. (Of course, you can use to check if your graph looks correct.)

$$(1) f(x) = 3x^4 + 4x^3 - 12x^2$$

$$(2) f(x) = \frac{10x^3}{x^2 - 1}$$

$$(3) f(x) = \frac{1}{8}x^{2/3}(9x^2 - 8x - 16)$$

$$(4) f(x) = xe^{-x^2}$$

$$(5) f(x) = \frac{\sin(x)}{1 - \sin(x)}$$