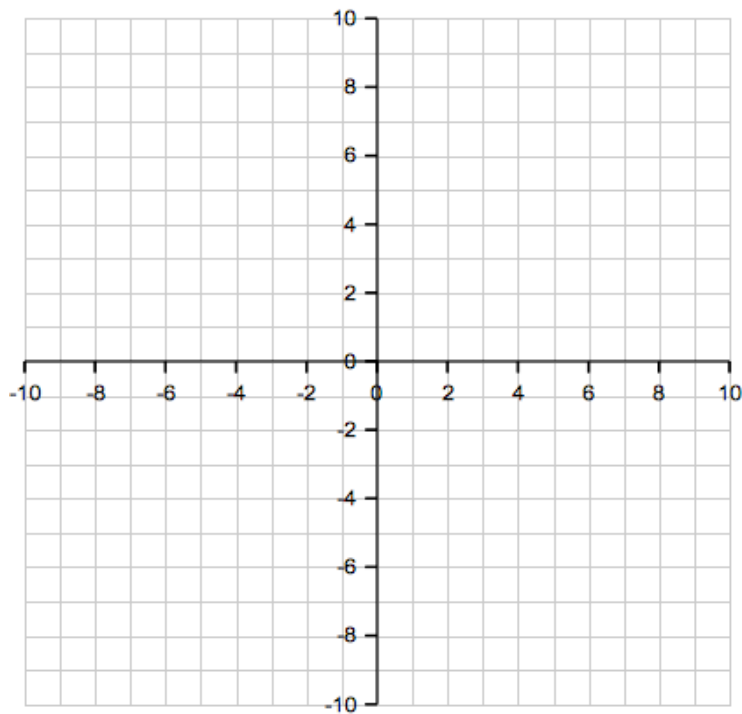
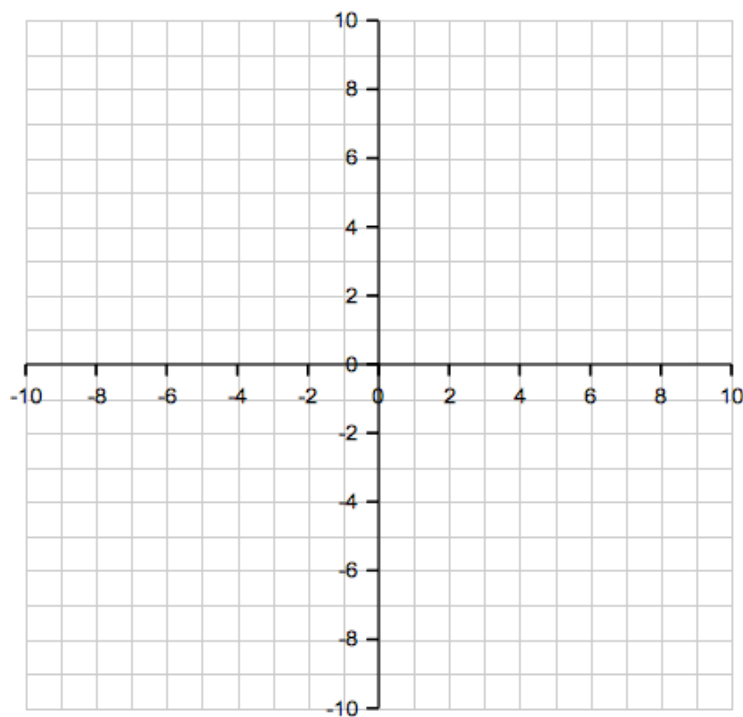


1. Sketch each of the following parabolas:

a) $f(x) = -2x^2 - 12x - 10$



b) $f(x) = \frac{1}{2}x^2 + 4x$



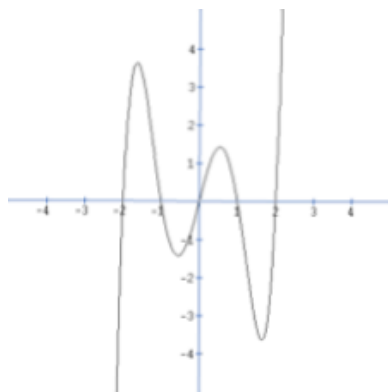
2. Given that $f(x) = 3x^2 - \frac{1}{2}x + 4$:

a) What is $f(2)$?

b) What is $f(-\frac{1}{2})$?

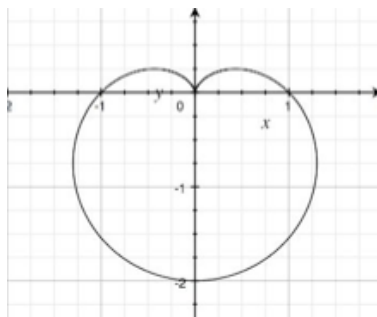
3. Are each of these “functions”?

a)



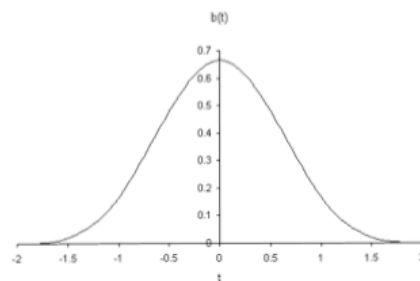
- ☐ Function
☐ Not a Function

b)



- ☐ Function
☐ Not a Function

c)



- ☐ Function
☐ Not a Function