C12 - 1.7 - Even/Odd/One-to-One/Functions Hmk
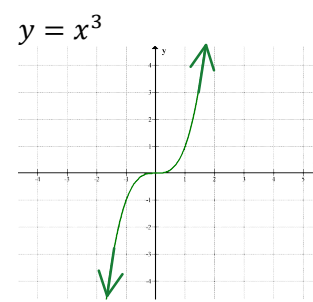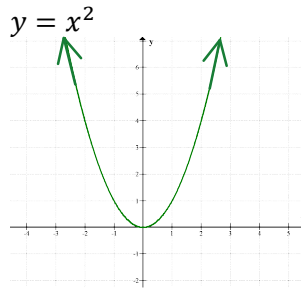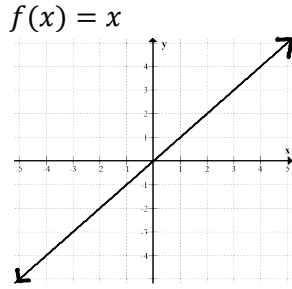
Determine if the function is even, odd, or neither, and if one-to-one.

$f(x) = x$

$y = x^2$

$y = x^3$

$f(x) = x^2 + 1$ $\qquad$ $f(x) = x^3 - 1$ $\qquad$ $f(x) = x + 1$ $\qquad$ $f(x) = -x^3$ $\qquad$ $f(x) = x^2 + x$

$f(x) = x^3 + x$ $\qquad$ $f(x) = \sqrt{x}$ $\qquad$ $f(x) = \sqrt{x^3}$

$f(x) = \dfrac{1}{x}$ $\qquad$ $f(x) = \dfrac{1}{x^2}$ $\qquad$ $f(x) = \dfrac{1}{x^2 + 1}$ $\qquad$ $f(x) = \dfrac{x^2}{x^2 + 1}$ $\qquad$ $f(x) = \dfrac{1}{x - 1}$

$f(x) = e^x$ $\qquad$ $f(x) = log x$ $\qquad$ $f(x) = |x|$ $\qquad$ $f(x) = sin x$ $\qquad$ $f(x) = int x$