***Even and Odd Functions***

Even: A function is even if its graph is symmetric to the y-axis

Sketch the graph

1. y = x2 b.)y = x2 - 3

Which graph is symmetric with the y-axis?

Which function is even?

Test for even

f(-x) = f(x)

Odd: A function is odd if its graph is symmetric to the origin.

Sketch the graph

1. x3 b.) x3 – 1
2. Which graph is symmetric with the origin?
3. Which function is odd?
4. Test for odd f(-x) = - f(x)