Even and Odd Functions

1. A function $y = f(x)$ is <u>even</u> if $f(-x) = f(x)$ for every x in the function's domain. Every even function is symmetric about the y-axis.

2. A function $y = f(x)$ is <u>odd</u> if $f(-x) = -f(x)$ for every x in the function's domain. Every odd function is symmetric about the origin.