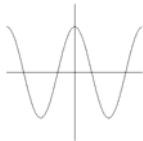


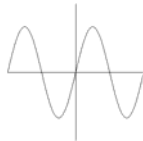
ODD/EVEN FUNCTIONS (§1.6)

Graphically: Just look at the graph

An *EVEN* function is symmetrical about the y-axis. Example:



An *ODD* function is symmetrical about the origin. Example:



Algebraically: Plug "-x" in to the function for $x \dots$

An *EVEN* function has the property that $f(-x) = f(x)$

An *ODD* function has the property that $f(-x) = -f(x)$

♫: You should be able to check graphically, but PROVE/SHOW algebraically.