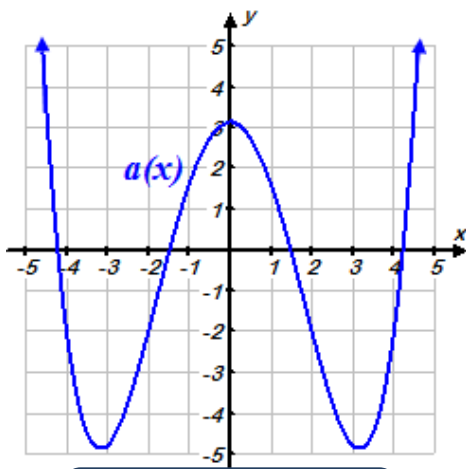
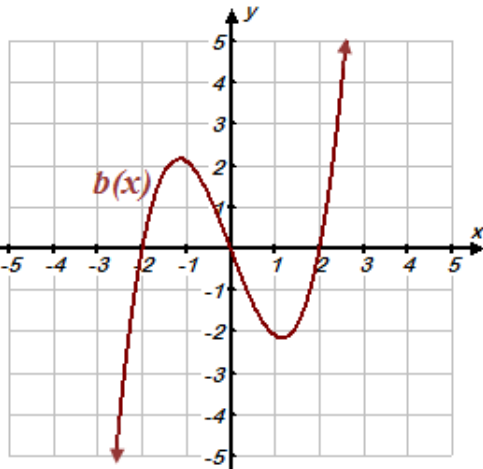


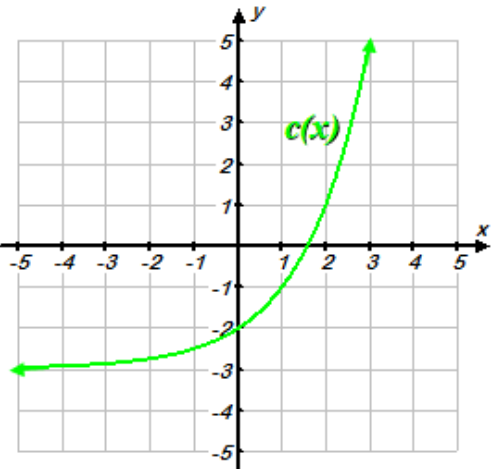
1. Describe the symmetry of an EVEN function.

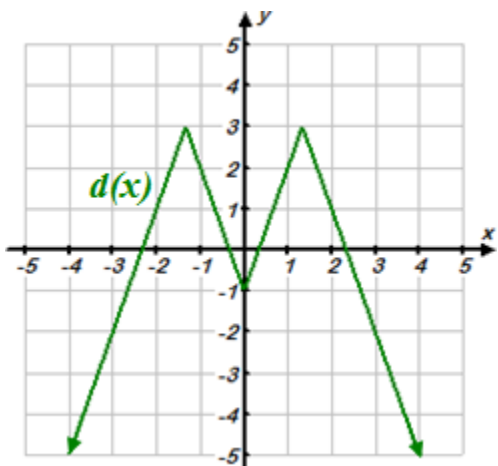
2. Describe the symmetry of an ODD function.

3. Describe each graph as EVEN, ODD, or NEITHER

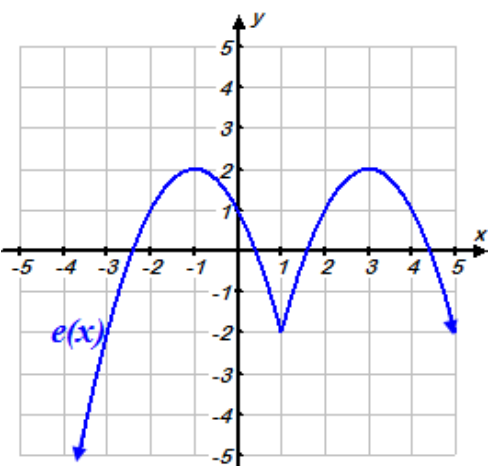












4. Describe the definition in function notation of every EVEN function.

5. Describe a definition in function notation of every ODD function.

6. Describe each function below as EVEN, ODD, or NEITHER

a. $f(x) = x^2 + 5$

b. $g(x) = x^3 - 2x$

c. $h(x) = x^5 - 4$

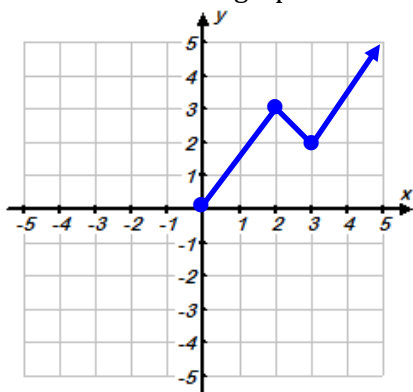
d. $m(x) = x^4 + 3x^2 + 2$

e. $p(x) = x$

f. $q(x) = 3$

7. If $f(2) = 3$ and $f(x)$ is an EVEN function what other point must be on the graph of $f(x)$?
8. If $g(2) = 3$ and $g(x)$ is an ODD function what other point must be on the graph of $g(x)$?

9. If the partially graphed function below is EVEN then finish what the rest of the graph should look like.



10. If the partially graphed function below is ODD then finish what the rest of the graph should look like.

