

Algebra II
Investigation:
Even and Odd Functions

Complete the following table. Try to make a conjecture about $f(-x)$.

	$f(x) = x^4 - 3x^2$	$f(x) = 3x^3 - x$
Even or Odd?		
$f(1)$		
$f(-1)$		
$f(3)$		
$f(-3)$		
$f(4)$		
$f(-4)$		
$f(-x)$		

Now create your own function and complete the following table:

Function:	
$f(1)$	
$f(-1)$	
$f(3)$	
$f(-3)$	
$f(4)$	
$f(-4)$	
$f(-x)$	