

### CLASSIFY THE FUNCTIONS:

Determine the correct category for each function.

(A) Even (B) Odd (C) Neither (Just type A, B or C)

$f(x) = x^2 + 1$	
$f(x) =  x $	
$f(x) = e^x$	
$f(x) = x^4$	
$f(x) = \tan(x)$	
$f(x) = x^3$	
$f(x) = \cos(x)$	
$f(x) = \sin(2x)$	