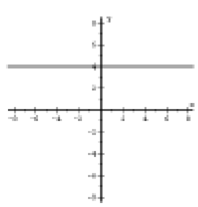
Identifying Parent Functions and Their Symmetries

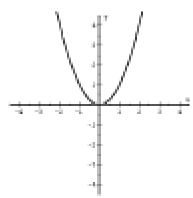
Function Bank

$f(x) = \tan(x)$	$f(x) = \sqrt{x}$	$f(x) = e^x$	$f(x) = x^2$	$f(x) = \sqrt[3]{x}$
$f(x) = \frac{1}{x^2}$	$f(x) = x$	$f(x) = \frac{1}{x}$	$f(x) = \sin(x)$	$f(x) = [[x]]$
$f(x) = \lvert x \rvert$	$f(x) = \cos(x)$	$f(x) = x^3$	$f(x) = a$	$f(x) = \ln(x)$

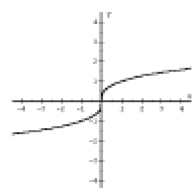
Directions: Match each function above with its graph below and write it on the line below the graph. On the second line, tell whether the function is even, odd, or neither.



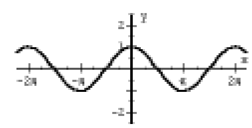
f(x) = __________
Symm.: __________



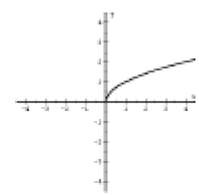
f(x) = __________
Symm.: __________



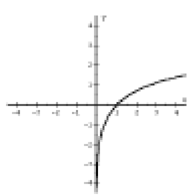
f(x) = __________
Symm.: __________



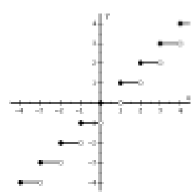
f(x) = __________
Symm.: __________



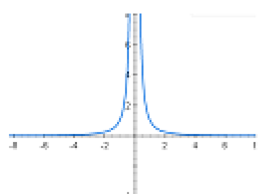
f(x) = __________
Symm.: __________



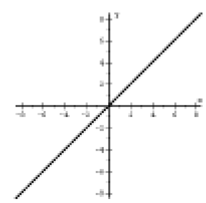
f(x) = __________
Symm.: __________



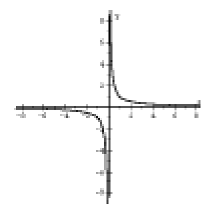
f(x) = __________
Symm.: __________



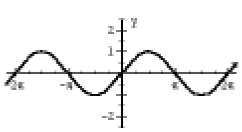
f(x) = __________
Symm.: __________



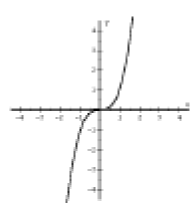
f(x) = __________
Symm.: __________



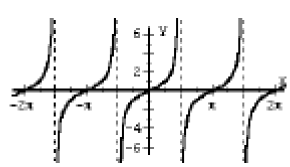
f(x) = __________
Symm.: __________



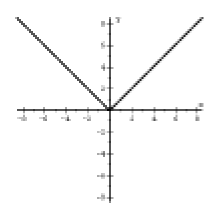
f(x) = __________
Symm.: __________



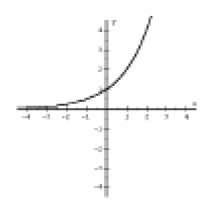
f(x) = __________
Symm.: __________



f(x) = __________
Symm.: __________



f(x) = __________
Symm.: __________



f(x) = __________
Symm.: __________