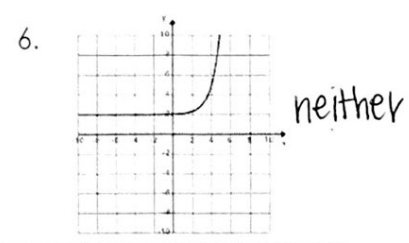
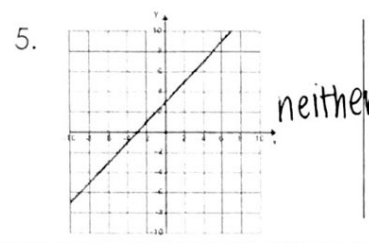
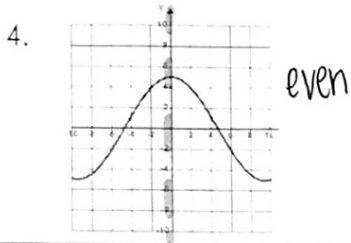
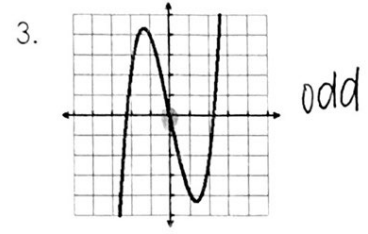
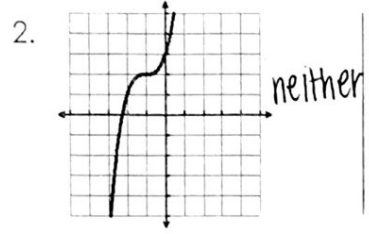
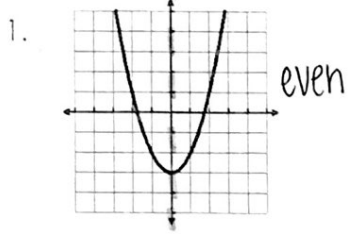


Name: _____ Date: _____

Tell whether the function is even, odd, or neither.



7. $f(x) = x^3 - x^2$
neither

8. $f(x) = -x^3 + 2x^1$
odd

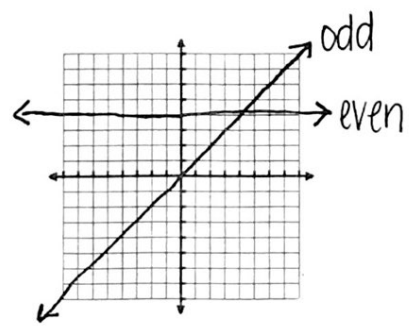
9. $f(x) = x^3 + 4x^1 + 1x^0$
neither

10. $f(x) = \frac{1}{2}x^4 + 9x^0$
even

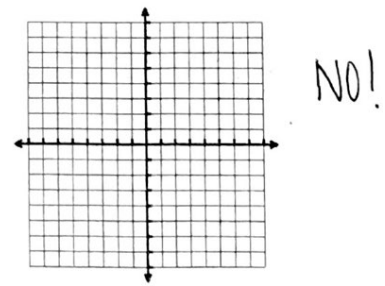
11. $f(x) = 5x^1 + 1x^0$
neither

12. $f(x) = 5x^0$
even

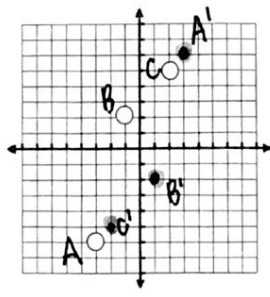
13. Can a linear function ever be even or odd? If so, sketch an example.



14. Can an exponential function ever be even or odd? If so, sketch an example.



15. If the following points are on an odd function, what other points are on the function? Give the coordinates.



Sort the following quantities into the table below.

~~height~~
~~apples~~

~~students~~
~~age~~

money
pets

~~time~~
~~shoes~~

Discrete	Continuous
students apples pets shoes	height age money time

Determine the domain and range of each graph.

