

Algebra 2

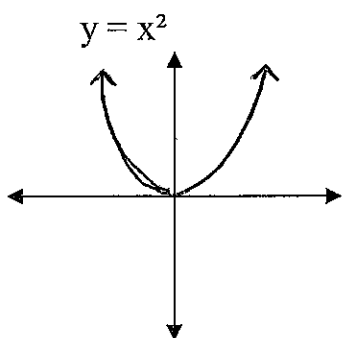
POLYNOMIAL FUNCTIONS

YAY MATH!

The following problems and principles are discussed in the video:

Definition of *degree*:

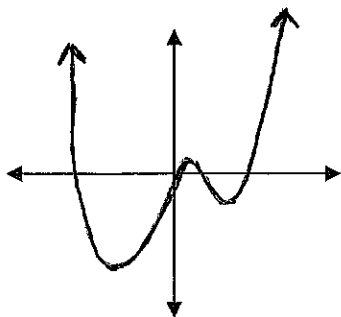
What degree is the following function? $x^3 + 2x^2 + 2x = 0$



End behavior: As $x \rightarrow \infty$, $f(x) \rightarrow$
As $x \rightarrow -\infty$, $f(x) \rightarrow$

Examples of even functions:

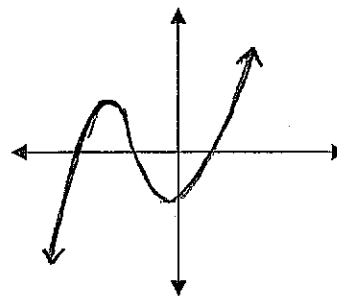
What is a distinction of all even functions? (regarding end-behavior)



End behavior?

Examples of odd functions:

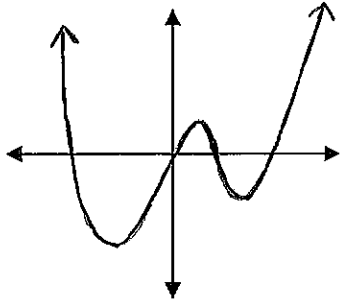
What is a distinction of all odd functions?



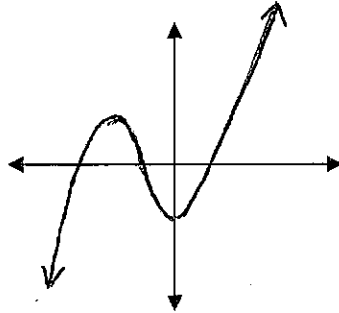
End behavior?

Circle which apply:

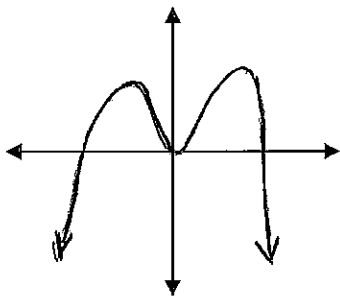
Odd or even
Positive or negative



Odd or even
Positive or negative



Odd or even
Positive or negative



Odd or even
Positive or negative

