

Classifying Polynomials:

Activity

As you hover over each function on the left, you can see the corresponding graph.

These functions can be organized into 4 types.

- The first category has no “x” variable. These are called constant functions.
- The second category has x raised to the first power, even though the exponent (1) is not written. These are called linear functions.
- A third group of functions has “x” raised to the second power. These are called quadratic functions.
- A fourth group of functions has “x” raised to the third power. These are called cubic functions.

You can roll over each function equation with your mouse to see the graph of each function. Drag the remaining functions into their appropriate category.