

- 5 (of a polynomial in one variable:) the greatest exponent of its variable
- 6 A point on a graph that has a lesser y-coordinate than other nearby points (2 words)
- 8 A course in mental weightlifting
- 9 The result of performing a function, and then performing a second function on the result of the first one. (2 words)
- 13 Genius, and maker of the polynomial Rule of Signs
- 15 Chapter 9, which we'll get to next, deals this kind of expressions
- 16 "If $f(x)$ is a polynomial with whole-number coefficients, and rational number p/q is a zero of $y=f(x)$, then p is a factor of the final coefficient, and q is a factor of the leading coefficient." (3 words)
- 17 What we call a function whose inverse is also a function (3 words)
- 18 "The binomial $(x-a)$ is a factor of the polynomial $f(x)$ if and only if $f(a)=0$ " (2 words)
- 19 Name of the function $I(x)=x$ (2 words)
- 20 Test to see if the inverse of a function is also a function (3 words)
- 2 (of a polynomial:) the coefficient of the term with the highest degree (2 words)
- 3 Using synthetic division to evaluate a function (2 words)
- 7 Q is this of relation S if for every ordered pair (a,b) in S , there is an ordered pair (b,a) in Q
- 10 This principle says: "If $f(a)$ is positive, and $f(b)$ is negative, then $f(x) = 0$ somewhere between a and b " (2 words)
- 11 The behavior of the graph as x approaches positive or negative infinity (2 words)
- 12 Function that contains the square root of a variable (3 words)
- 14 A point on a graph that has a greater y-coordinate than other nearby points (2 words)