

NAME: \_\_\_\_\_ Score \_\_\_\_\_ /10  
Please **print** your name

1. A \_\_\_\_\_ is a letter, a number, or a product of letters and numbers.
2. The numerical part of a term is called the \_\_\_\_\_ of the term.
3. A \_\_\_\_\_ is a term or a sum of terms in which all variables have whole number exponents.
4. The \_\_\_\_\_ term of a polynomial is the term with largest degree.
5. A second degree polynomial is called a \_\_\_\_\_ polynomial.
6. The \_\_\_\_\_ of a polynomial is the degree of the leading term.
7. The graph of a polynomial function is a \_\_\_\_\_.
8. If the multiplicity of a real zero is an \_\_\_\_\_ number the graph crosses the x-axis at that zero.
9. If  $\frac{p}{q}$  is a rational zero of a polynomial function with integer coefficients, then the numerator p must be a divisor of the \_\_\_\_\_ term and the denominator q must be a divisor of the \_\_\_\_\_ coefficient.
10. Complex zeros of polynomial functions occur in \_\_\_\_\_.