

NAME: _____ Score _____/10

Please **print** your name

1. A **term** is a letter, a number, or a product of letters and numbers.
2. The numerical part of a term is called the **coefficient** of the term.
3. A **polynomial** is a term or a sum of terms in which all variables have whole number exponents.
4. The **leading** term of a polynomial is the term with largest degree.
5. A second degree polynomial is called a **quadratic** polynomial.
6. The **degree** of a polynomial is the degree of the leading term.
7. The graph of a polynomial function is a **smooth continuous curve with no sharp corners**.
8. If the multiplicity of a real zero is an **odd** 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 **constant** term and the denominator q must be a divisor of the **leading** coefficient.
10. Complex zeros of polynomial functions occur in **conjugate pairs**.