Advanced Algebra Name_____
Chapter 6 Worksheet Block_____

Find All Real, Irrational, or Imaginary Zeroes. Categorize each Polynomial by Degree and # Terms.

If Multiplicity >1 then identify.

1. $P(x) = x^3 - x^2 - 2x + 2$ Degree_____
List all Possible Real Roots:_____ Terms _____

2. $Q(x) = x^4 - 6x^2 - 7$ Degree_____
Terms _____

3. $Z(x) = x^4 + x^3 - 9x^2 - 9x$ Degree_____
Terms _____

4. $V(x) = x^3 - 3x^2 + 3x - 1$

Degree_____
Terms _____

5. $S(x) = 2x^3 + 2x^2 - 6x - 12$

Degree _____
Terms _____

6. $W(x) = x^5 - 13x^3 + 36x$

Degree_____
Terms _____