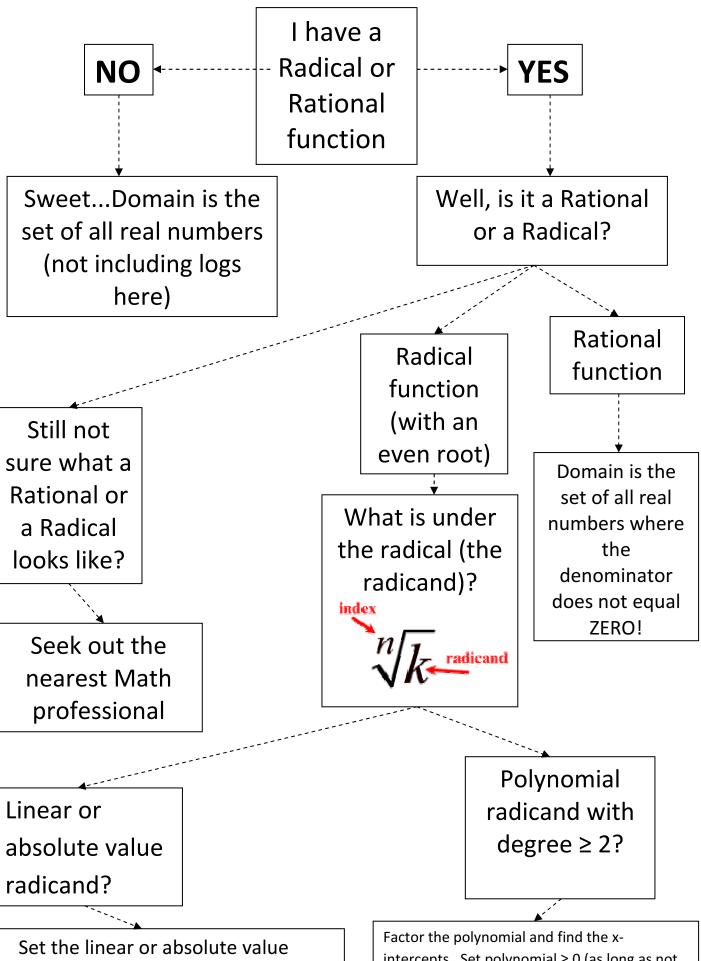
Domain



Set the linear or absolute value expression ≥ 0 (as long as not in the denominator of a rational (that would be too fun)

Domain is the set of all x values that satisfy the inequality

Factor the polynomial and find the x-intercepts. Set polynomial ≥ 0 (as long as not in denominator). Do not solve this inequality. Watch out for the "a" value and pay attention to the type of x-ints that are produced. Sketch a graph of the radicand (only the polynomial). Find the intervals that produce positive outputs (graph above x-axis) and use proper

notation to write domain.