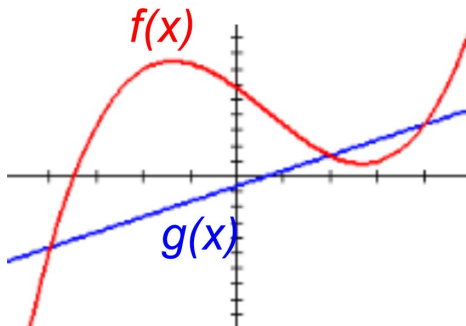## Solving Polynomial Inequalities

1. Set equal to zero with a _____

2. Factor and solve for roots.

3. Plot zeros on a number line. Test points in each region to find solution intervals.

4. Write answers in _____ .

Ex. 1) $x^4 < 16$ Ex. 2) $4x^3 \geq 12x^2$

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f(x) > g(x)

f(x)

g(x)