

Name: _____

Date: _____

Learning Goal 3.3	Solving equations algebraically and graphically.
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Example Consider the equation $f(x) = x^4 + x^3 - 10x^2 - 4x + 24$.

Degree	Leading Coefficient	Constant	Domain	y – intercept	Number of x – intercepts

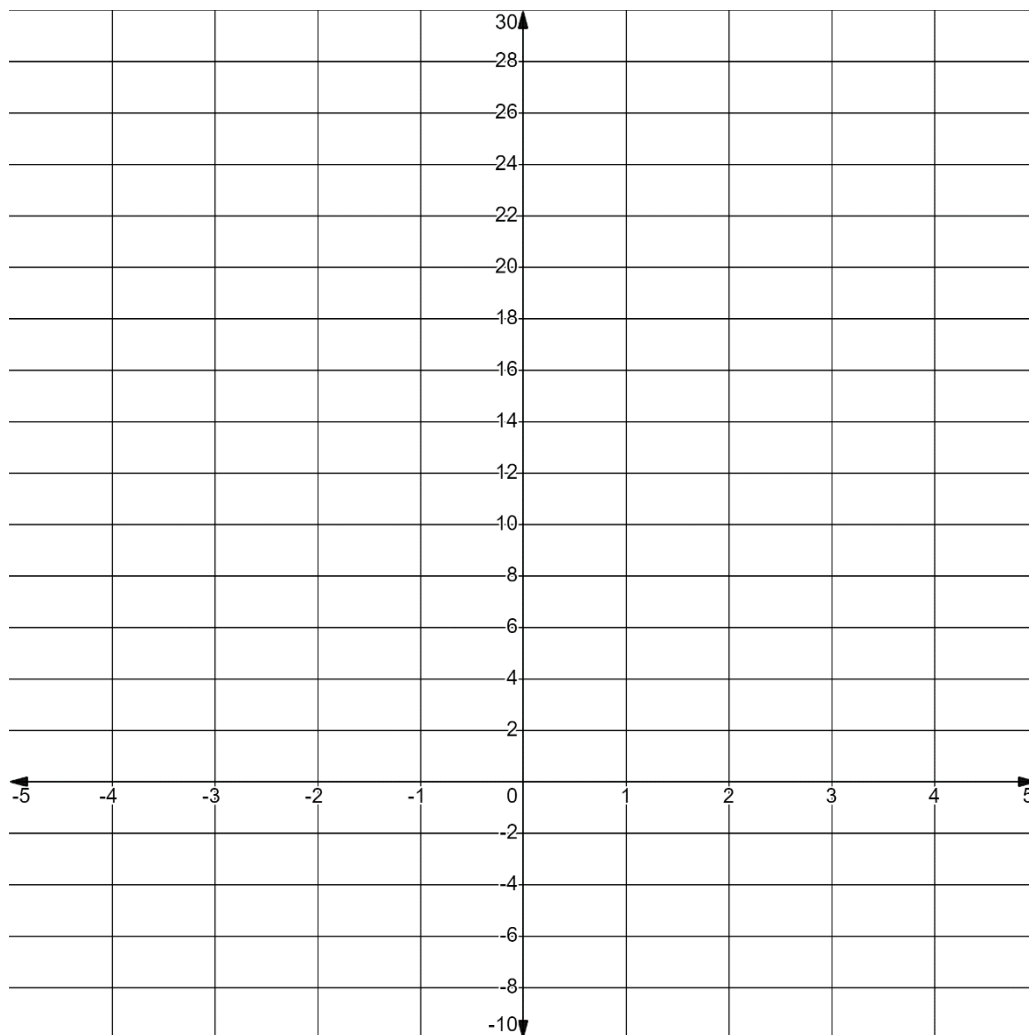
Factor the equation.

Find the solutions or roots of the equation.

Multiplicity (of a zero)

Range	Maximum(s)	Minimum(s)	End Behaviour

Graph the function (using technology).



Find the zeros of the equation.