

Name: _____

Date: _____

Learning Goal 3.3	Solving equations algebraically and graphically.
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More Questions1. Consider the equation $f(x) = x^3 + 4x^2 + 5x + 2$.

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

- What is the end behaviour of the function?
- Factor the equation.
- Find the solutions or roots of the equation. What multiplicity does each have?

2. Consider the equation $g(x) = 10x^3 + 19x^2 + 2x - 7$.

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

- What is the end behaviour of the function?
- Factor the equation.
- Find the solutions or roots of the equation. What multiplicity does each have?