

Homework Helper: PreCalc

Topic 2.1 - 2.4 Quadratic / Division Name _____

Solve each polynomial for all zeros.

Use any appropriate method, including Quadratic Formula, factoring, dividing etc.

1. $P(x) = 8x^2 + 12x + 6$

2. $P(x) = 2x^3 - 3x^2 - 9x$

3. $P(x) = -x^2 + 7x^2 - 11x - 3$

*given that $x = 3$ is a root, so $x - 3$ is a factor,
so start with some division...*

4. $P(x) = x^3 - 4x^2 - x + 26$

*given that $x = -2$ is a root, so $x + 2$ is a factor,
so start with some division...*



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