Name	Period	Date
Ms. Schmidt		Pre-Calculus
	ekly Homework Quiz 7	
This is a weekly homework quiz that will b	e given every week and is due b	eack the following Monday.
This quiz is due back: November 20th, 201	<u>7</u>	
To receive full credit, all work must be sho 1 point.	wn. Any correct answer without	work shown will receive only
1) Solve and graph the inequality. Wri	te your answer in interval notati $7x^2 \ge 4(1+3x)$	on.
2) For the polynomial $f(x) = (x^3 - 4)$ the function. Then state the end beh		torization and find the zeros of

3) Find all the intervals of length 1 in which the polynomial function is guaranteed to have a zero. Show your table of values. $f(x) = x^3 + x - 1$

4) Write the polynomial function in standard form given the roots of: $\{0,0,-3,2\pm\sqrt{10}\}$

5) List all the possible zeros for the function $f(x) = x^3 - 13x^2 + 23x - 11$. Then find all the rational zeros.