	Mei	ramec Co	ollege Algebra	Quiz 10	Summer 2010
NAME	Plea	ase print your name		Score	/10
1. T	F	If f is a function v	vhose domain is the	Real Numbers the	en f(3) is a range element.
2. T	F	If f is a function v	vhose domain is the	Real Numbers the	en f(3) is a domain element.
3. T	F	The point (3, 7) is	s on the graph of a f	unction h if and on	ly if $h(7) = 3$.
4. T	F	If f is a fifth degree	ee polynomial funct	ion then its graph o	crosses the x-axis five times.
5. T	F	If m is a real zero	of a function then ((m, 0) is an x-inter	cept of its graph.
6. T	F	If f is a polynomi divisor of the con	al function with inte stant term.	eger coefficients ar	$\frac{p}{q}$ is a zero of f, then p is a
7. T	F	If f is a polynomi divisor of the lead	al function with inte	eger coefficients ar	$\frac{p}{q}$ is a zero of f, then p is a
8. T	F	The graph of a po corners.	lynomial function i	s a continuous smo	ooth curve with no gaps or sharp
9. T	F	Consider the function ± 1 , zeros of f are ± 1 ,	ction whose rule is ±2,±3,±6	$f(x) = x^6 + x^5 - 5$	$5x^3 + 6$. The possible rational
10. T	F	Consider the function ± 1 , zeros of f are ± 1 ,	ction whose rule is ±2,±3,±6	$f(x) = 6x^6 + x^5 -$	$5x^3 + 1$. The possible rational