## Quiz #2

## Name:

## February 7, 2008

1.	Find	the	equation	of the	ne po	lynomial	of	degree	2	whose	$\operatorname{graph}$	passes
	through the points $(1,5)$ , $(2,7)$ , and $(3,9)$ .											

2. Find a basis for the subspace of all vectors orthogonal to (1,2,-1).

3. Find the norms of and angles between the vectors (3, -1, 2) and (4, 1, 1). You may use inverse trig functions in your answer.