## Elementary Linear Algebra - MATH 2250 - Quiz 9

## Name:

1.	T	FT	The vector	s(1,0) ar	(0,0) at	re depe	ndent.						
	Т Т			` ' /	and $(0,1)$ and $(0,1)$ and $(0,1)$ and	-		ependen	t.				
2.	$\mathrm{Th}\epsilon$	e vecto	ors $v_1, v_2, .$	$\dots, v_n$ are	e independ	ent if _							
3.		A be	an $m \times n$	matrix w	$v_{ith rank n}$	whose	columns	are line	arly depe	ndent, th	$nen r \square n.$	(Fill th	ne box with

the best choice from  $<,=,>,\leq,\geq$ .) 4. What is a basis B for a vector space V?