KFUPM – Department of Mathematics and Statistics – Term 133 MATH 260

QUIZ # 3 Code 1 (Duration = 15 minutes)

NAME:Section:				
Exercise 1 (5 points)		(1	2	0)
Use the method of cofactors to find the inverse of the m	natrix	$\begin{bmatrix} -1 \\ 2 \end{bmatrix}$	0	1 1)

Exercise 2 (5 points)

Determine whether w = (1,0,1) is a linear combination of u = (1,1,1) and v = (-1,0,1).

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QUIZ # **3 Code 2** (Duration = 15 minutes)

NAME:ID:	_ Section:				
Exercise 1 (5 points)		(1	_1	2)	
Use the method of cofactors to fi	nd the inverse of the matrix	$\begin{bmatrix} 1 \\ 2 \\ 0 \end{bmatrix}$	0	1 1	

Exercise 2 (5 points)

Determine whether w = (2,0,3) is a linear combination of u = (1,1,1) and v = (-1,0,1).