KFUPM/ Department of Mathematics & Statistics	ID $\#$	Serial $\#$
MATH 260-03/ Quiz 1a/ 132	Name	

1. [8pts] Show that the vectors u = (1, 1, 1, -1), v = (2, 1, 1, 0), w = (3, 1, 0, 0) are linearly independent.

2. [8pts] Find the general solution of the DE: 3y'' + 8y' + 4y = 0