

“QUIZ” for Nov. 2, 2009

NAME: (print!) _____ **Section:** _____

E-MAIL ADDRESS: (print!) _____

- 1.** Sketch the vector planar vector field

$$\mathbf{F} = \langle x, y^2 \rangle \quad .$$

- 2.** Find a potential function for the vector field \mathbf{F}

$$\mathbf{F} = \langle y \cos(xy), x \cos(xy) \rangle \quad .$$