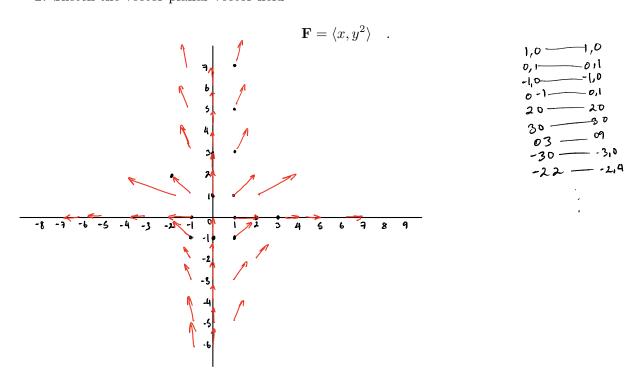
"QUIZ" for Lecture 17

E-MAIL SCANNED .pdf OF COMPLETED QUIZ to DrZcalc3@gmail.com (Attachment: q17FirstLast.pdf) ASAP BUT NO LATER THAN Nov. 5, 8:00pm

1. Sketch the vector planar vector field



2. Find a potential function for the vector field **F**

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$$\mathbf{F}$$

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

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