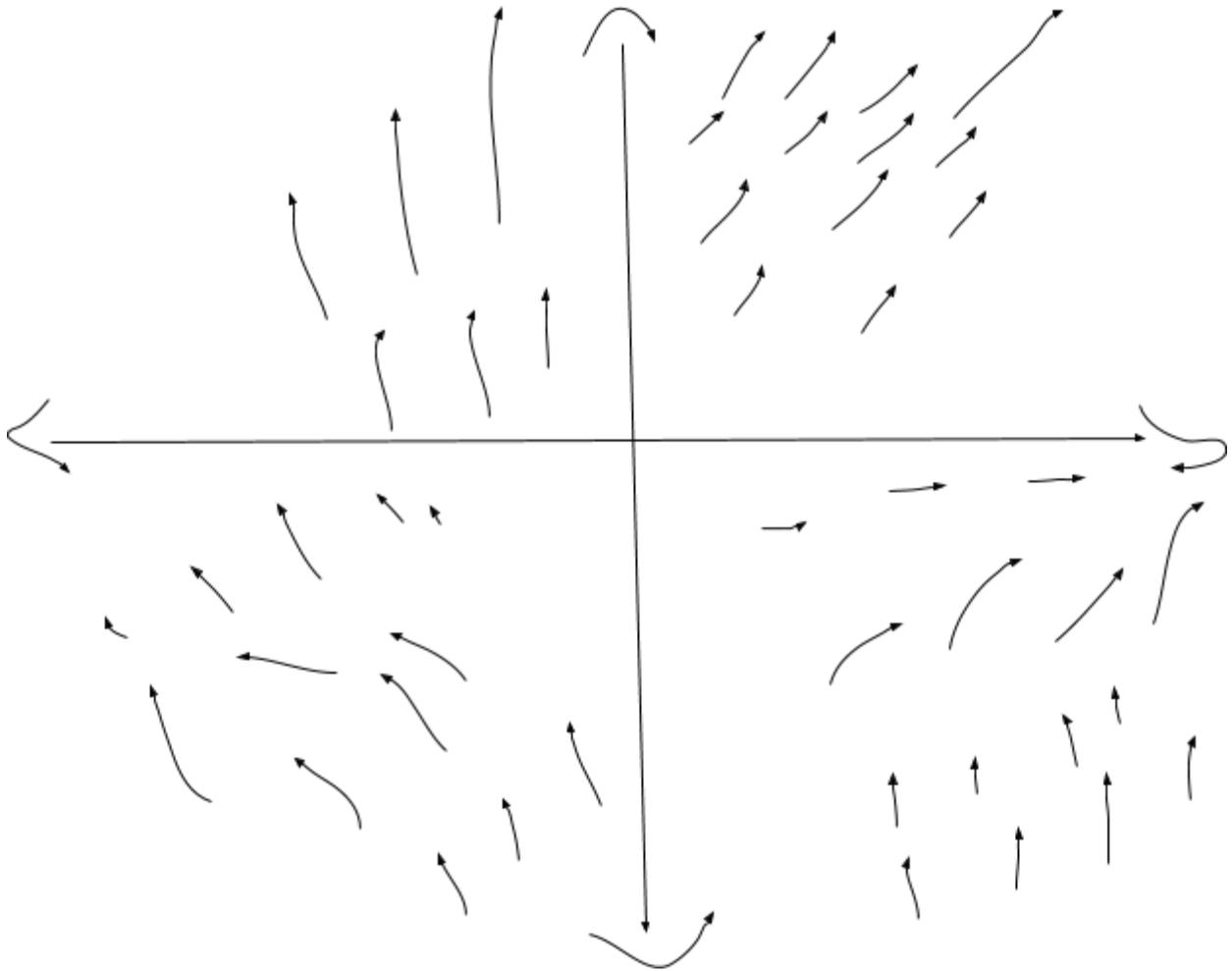


Jessenia Bello  
Quiz 17

Question 1). Sketch vector

answer 1)



Question 2)

Find potential function

Answer 2)

$$\int y \cos xy dx = \sin(xy) + c \quad c_1 = c_2 = 0$$

$$\int (x \cos(xy)) dy = \sin(x+c) + c_2$$

$$f = \sin(xy)$$