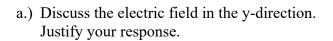
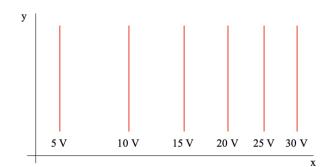
Off-the-Wall question 3: Consider the equipotential lines shown in the sketch.





- b.) Discuss the electric field in the x-direction. Justify your response.
- c.) In what direction is the net electric field? Justify.
- d.) An proton moving to the right passes the 15 volt equipotential line moving with known velocity v. Explain how you might use the graph to determine where the charge stops?
- e.) There is a point to the left of the origin at which the electric potential is -15 volts. Explain why this is a perfectly reasonable possibility.