

## PreLab Quiz-E2

Name:

Section:

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1. Can two different equipotential lines intersect one another? Why or why not?

2. The figure below shows the fields lines corresponding to a non-uniform electric field. At which point is the value of the electric potential greater, A or C? Which is greater, the potential difference  $V_A - V_B$  or the potential difference  $V_C - V_D$ ? Explain your reasoning.

