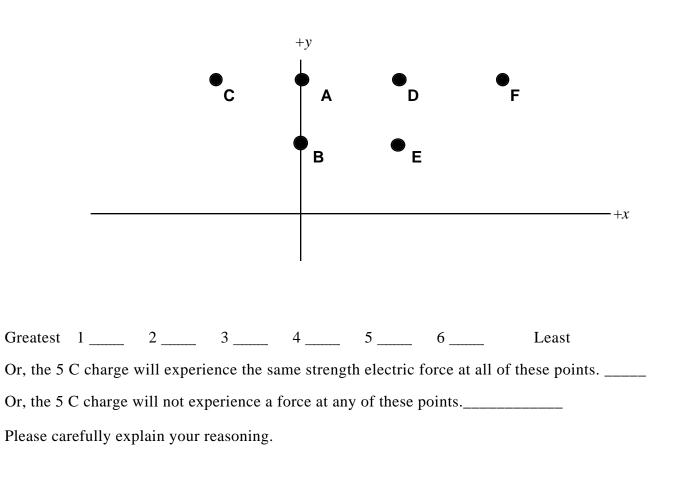
Uniform Electric Field—Electric Force on Charge at Rest I ¹³⁹

We have a large region of space that has a uniform electric field in the +x direction (\Rightarrow). At the point (0,0) m, the electric field is 30 i N/C and the electric potential is 100 volts.

Rank from greatest to least the strength (magnitude) of the electric force on a +5 C charge when it is placed at rest at each of the following points.

A: (0, 6) m **B**: (0, 3) m **C**: (-3, 6) m **D**: (3, 6) m **E**: (3,3) m **F**: (6, 6) m



How su	re were y	you of your	ranking?	(circle one)						
Basically Guessed				Sure				Very Sure		
1	2	3	4	5	6	7	8	9	10	