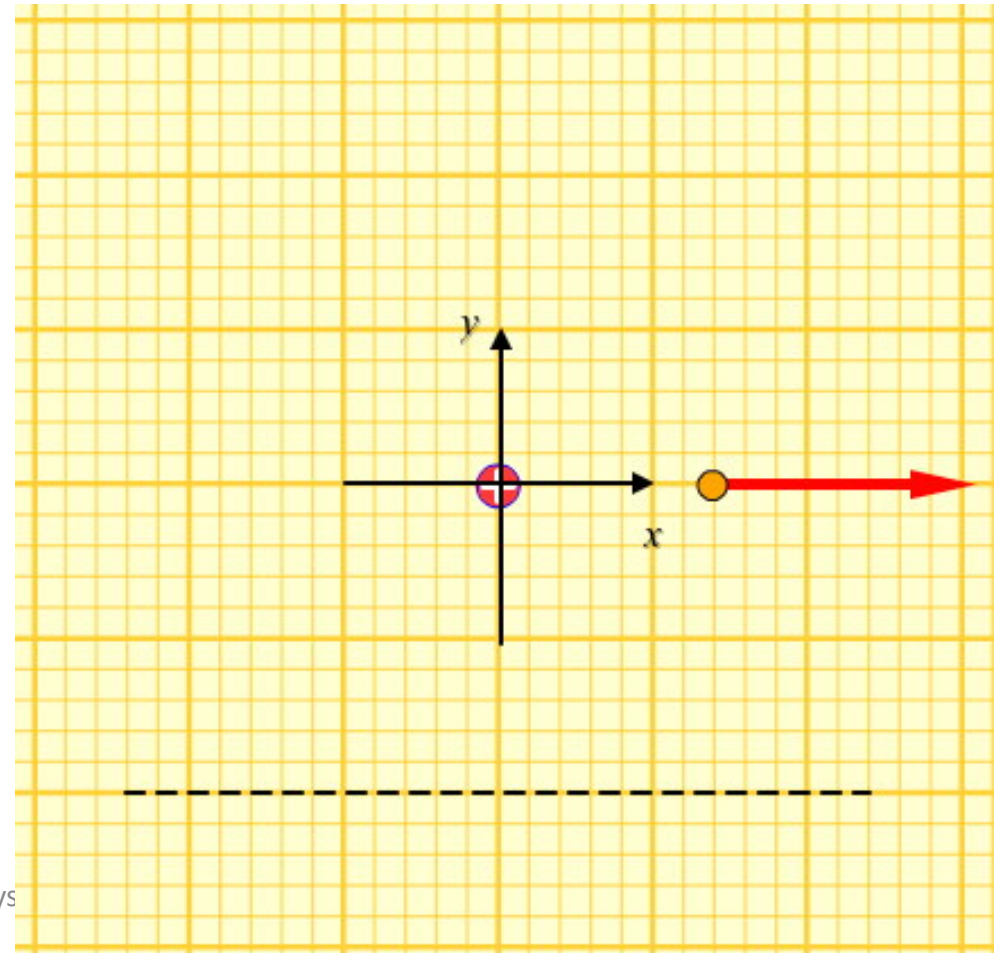
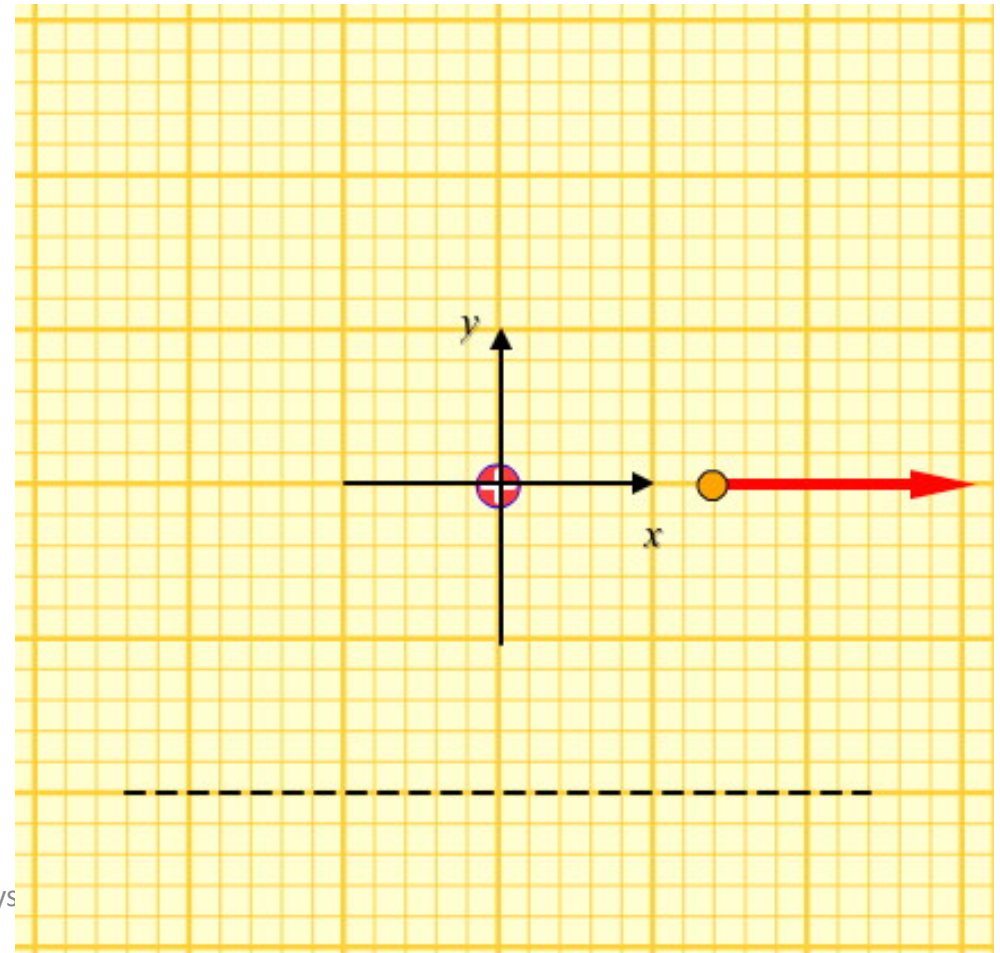


What would the graph of the y -component of the E field look like along the dotted line?

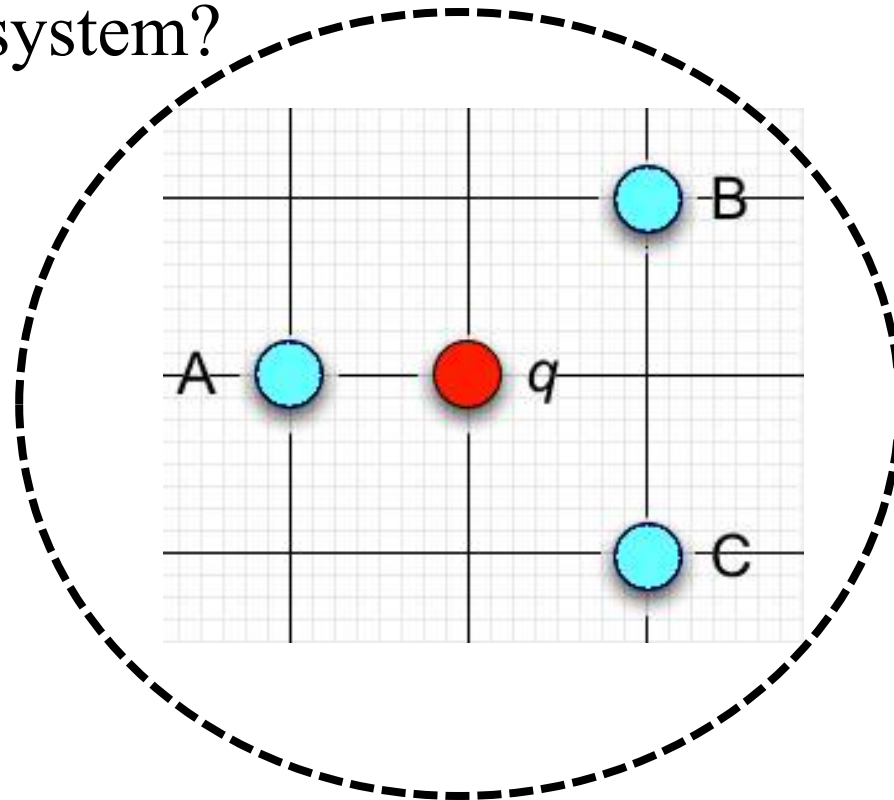


What would the graph of the x -component of the E field look like along the dotted line?





In the system below A, B, and C are positive charges, q is a negative charge. How many interactions do we need to calculate the electric potential energy of the system?





In the system below A, B, and C are positive charges, q is a negative charge. How many interactions do we need to calculate the extra electric potential energy in the system as a result of adding the test charge?

