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?