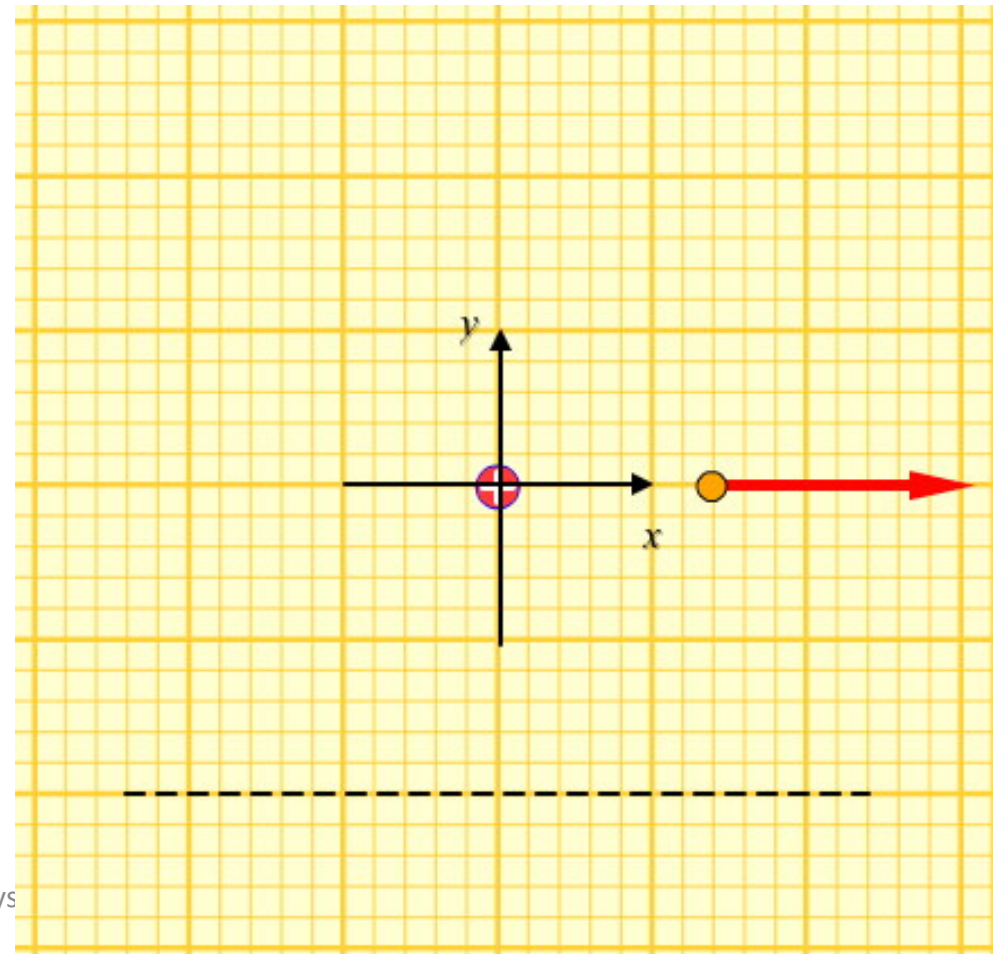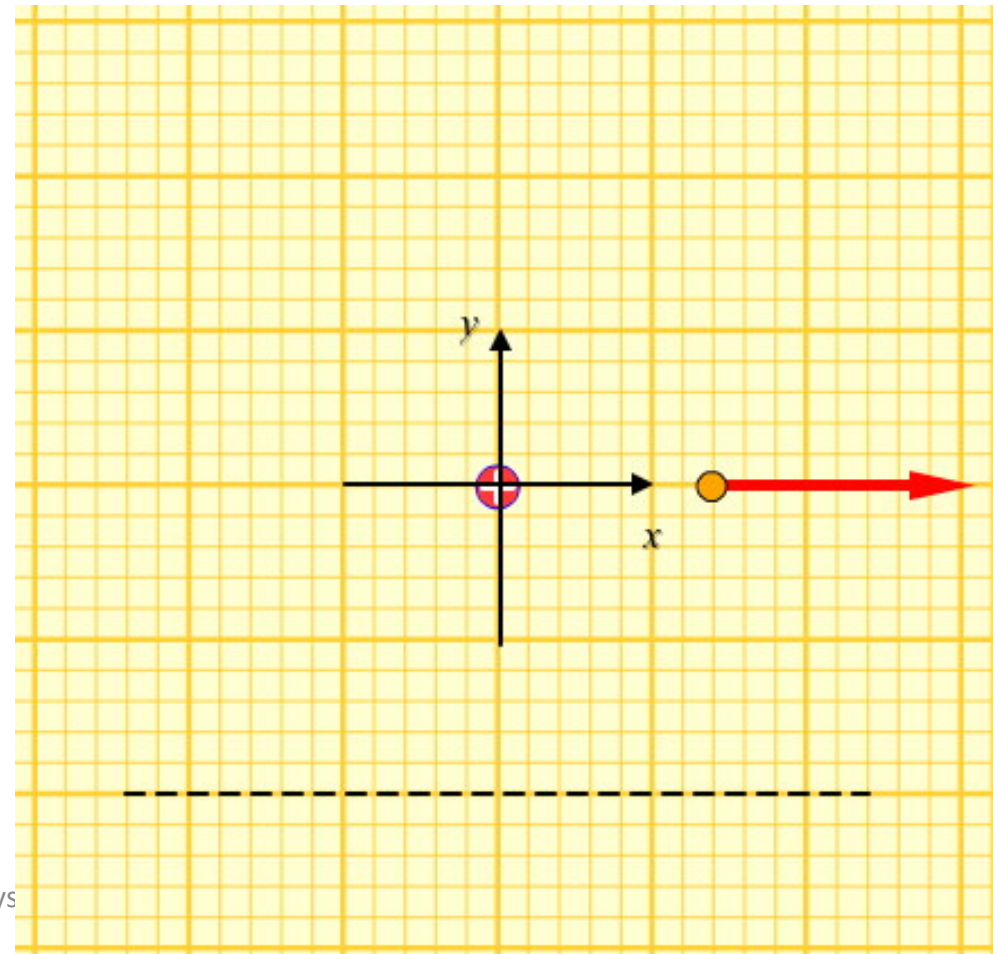What would the graph of the *y*-component of the E field look like along the dotted line?
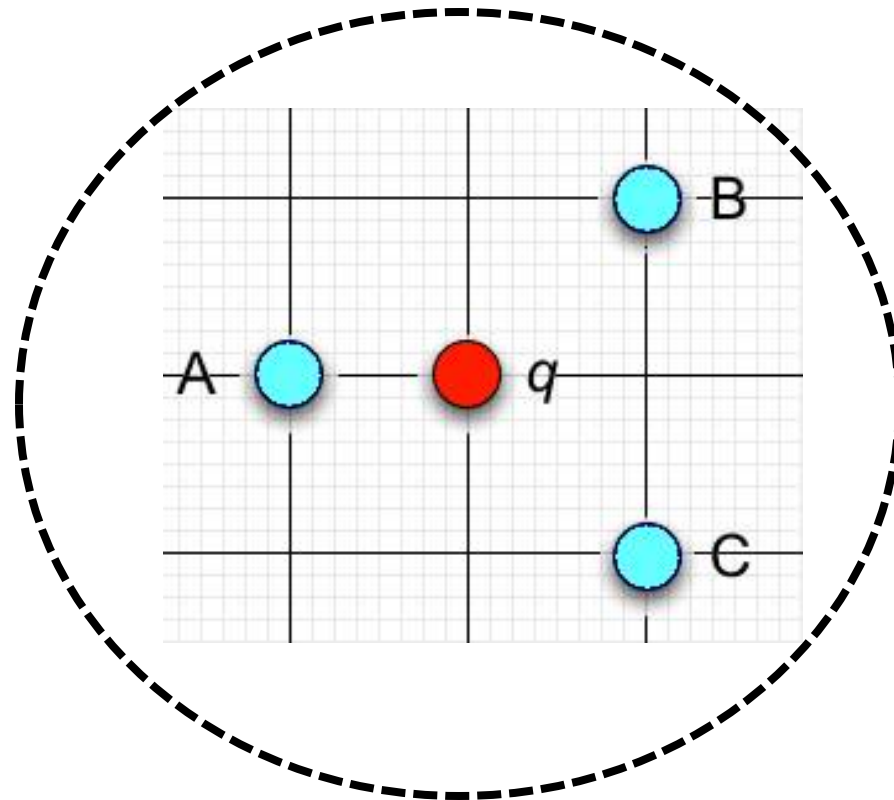
What would the graph of the *x*-component of the E field look like along the dotted line?

In the system below A, B, and C are positive charges. q is a negative charge. How many *kqQ/r* terms do you need calculate the electric potential energy of the system?

A. 2

B. 3

C. 4

D. 5

E. 6

F. Something else

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 **<u>extra</u>** electric potential energy in the system as a result of adding the test charge?

A. 2

B. 3

C. 4

D. 5

E. 6

F. Something else

Test Charge

A

q

B

C