

The Electric Field

Open this Desmos graph: <https://www.desmos.com/calculator/n1rdt2yyve>

You can move the three charges (red, purple, and green) around and change their charges (q_1 , q_2 , and q_3 respectively). Move the point (black) around to see what the electric field vector is at that point.

Open this Desmos graph: <https://www.desmos.com/calculator/l3sezvpjot>

Move around the three charges to look at the entire field and how it is effected by the charges.