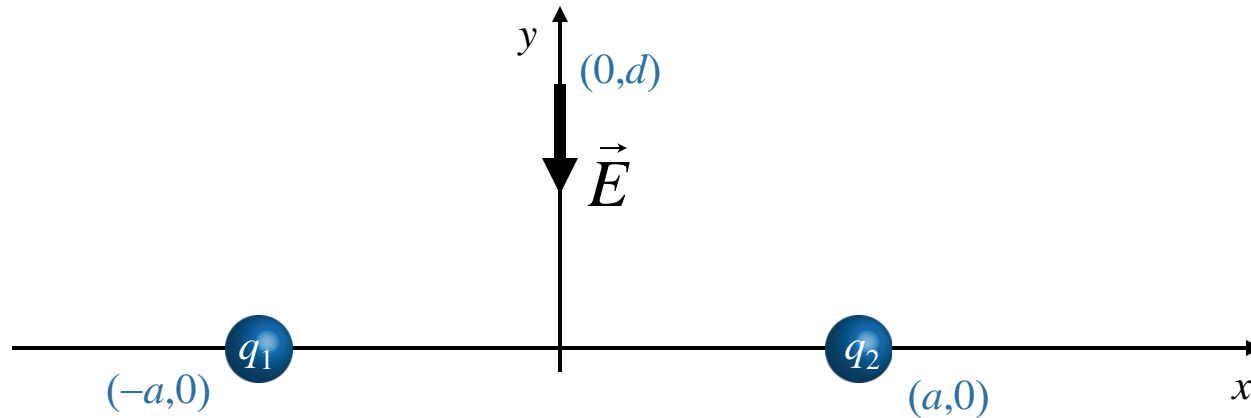


# Two Charges



Two charges  $q_1$  and  $q_2$  are fixed at points  $(-a,0)$  and  $(a,0)$  as shown. Together they produce an electric field at point  $(0,d)$  which is directed along the negative  $y$ -axis.



Which of the following statements is true:

- A) Both charges are negative
- B) Both charges are positive
- C) The charges are opposite
- D) There is not enough information to tell how the charges are related