In the figure at the right are shown three molecules, each consisting of two positive ions of charge +e and a negative ion of charge -2 e . The distance scale is given by the grid, each box having a height and width equal to $d$.

Answer each of the three questions below by choosing a symbol for the appropriate direction: points to the left $(\leftarrow)$,points to the right $(\rightarrow)$, points up $(\uparrow)$, or points down $(\downarrow)$, or is zero (0).
a) The direction of the net electrical force of the molecule on a positive charge placed at the x in situation \#1.
b) The direction of the net electrical force of the molecule on a positive charge placed at the x in situation \#2.
c) The direction of the net electrical force of the molecule on a positive charge placed at the x in situation \#3.

Complete each of the two sentences below by choosing a
 symbol for the appropriate relation: is greater than ( $>$ ), is equal to ( $=$ ), is less than ( $<$ ), or cannot be determined (?).
d) In situation \#1, the magnitude of the force on a positive test charge at the $x$ from the negative ion $B$ is $\qquad$ the magnitude of the force on that test charge from the positive ion C .
e) In situation \#3, the magnitude of the force on a positive test charge at the $x$ from the two positive ions $G$ and $I$ is $\qquad$ the magnitude of the force on a positive test charge at the x from the two positive ions E and F in situation \#2.

