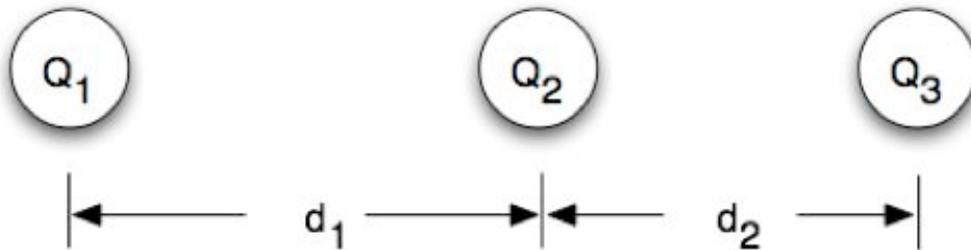Three charges are arranged along a line as shown in the figure below. The sizes of the charges and the distances are not to scale.

If $d_1 = d$ and $d_2 = 3d$,
while $Q_1 = Q$ and $Q_3 = 4Q$, then

1. $\left|F_{Q_1 \to Q_2}\right| > \left|F_{Q_3 \to Q_2}\right|$

2. $\left|F_{Q_1 \to Q_2}\right| > \left|F_{Q_3 \to Q_2}\right|$

3. $\left|F_{Q_1 \to Q_2}\right| > \left|F_{Q_3 \to Q_2}\right|$

4. You can't tell without knowing the size of Q_2.