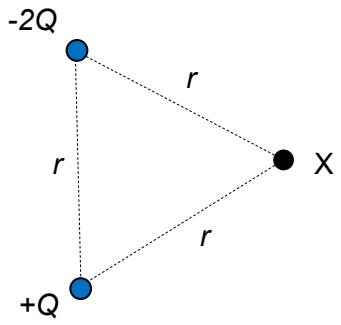
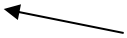
22 Two point charges of charged *-2Q* and *+Q* are arranged at two corners of an equilateral triangle of side *r* in vacuum.



What can be deduced about the electric potential *V*, and the magnitude and direction of electric field strength *E* at point X?

	V	magnitude of *E*	direction of *E*
A	$-\frac{Q}{4\pi\varepsilon_0 r}$	$\frac{Q}{4\pi\varepsilon_0 r^2} < \lvert E\rvert < \frac{3Q}{4\pi\varepsilon_0 r^2}$	
B	$-\frac{2Q}{4\pi\varepsilon_0 r}$	$\lvert E\rvert < -\frac{3Q}{4\pi\varepsilon_0 r^2}$	
C	$-\frac{Q}{4\pi\varepsilon_0 r}$	$\lvert E\rvert < \frac{Q}{4\pi\varepsilon_0 r^2}$	
D	$-\frac{Q}{4\pi\varepsilon_0 r}$	$\lvert E\rvert = \frac{Q}{4\pi\varepsilon_0 r^2}$