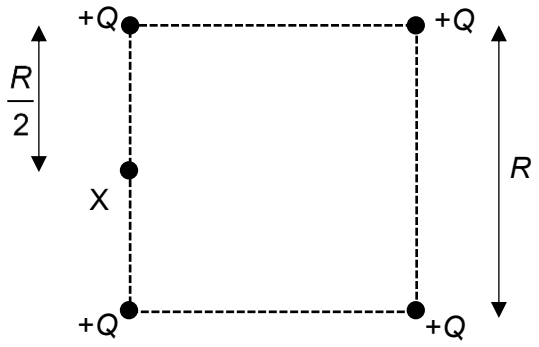
21 Four identical point charges are arranged at the corners of a square of length R as shown below.



What is the magnitude of the electric field strength E and the electric potential V at point X?

	E	V
A	$\frac{12}{5}\ \frac{Q}{\pi\varepsilon_0 R^2}$	$\frac{2}{5}\ \frac{Q}{\pi\varepsilon_0 R}$
B	$\frac{12}{5}\ \frac{Q}{\pi\varepsilon_0 R^2}$	$\left(1+\frac{1}{\sqrt{5}}\right)\ \frac{Q}{\pi\varepsilon_0 R}$
C	$\frac{4}{\sqrt{5}^3}\ \frac{Q}{\pi\varepsilon_0 R^2}$	$\frac{2}{5}\ \frac{Q}{\pi\varepsilon_0 R}$
D	$\frac{4}{\sqrt{5}^3}\ \frac{Q}{\pi\varepsilon_0 R^2}$	$\left(1+\frac{1}{\sqrt{5}}\right)\ \frac{Q}{\pi\varepsilon_0 R}$