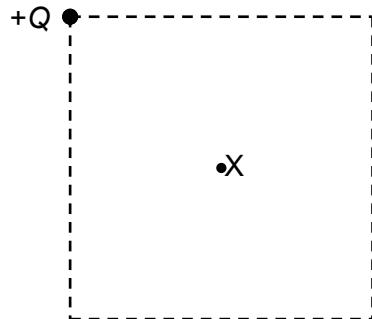
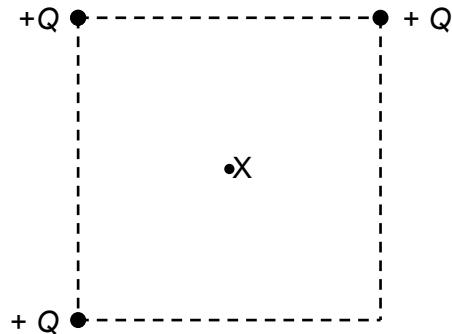


- 21 A point charge $+Q$ is placed at the top-left hand corner of a square as shown.



At the centre X of the square, the electric field strength is E and the electric potential is V .

Two additional point charges of the same magnitude $+Q$ are placed at the top-right and bottom-left corners of the square as shown.



What are the electric field strength and the electric potential at the centre X of this second square?

	electric field strength	electric potential
A	E	$1.5V$
B	E	$3V$
C	$2E$	$3V$
D	$3E$	$3V$

