

2 At distance  $d$  from a point charge of magnitude  $q$  the potential is  $V$ .

Which of the following is the potential at a distance  $4d$  from a point charge of magnitude  $2q$ ?

☐ A  $\frac{V}{4}$

☐ B  $\frac{V}{2}$

☐ C  $V$

☐ D  $2V$

(Total for Question 2 = 1 mark)