

- 3 When the potential difference across a capacitor is  $V$ , the energy stored by the capacitor is  $W$ .

Which of the following gives the energy stored by the capacitor when the potential difference across the capacitor is  $2V$ ?

- ☐ A  $W$
- ☐ B  $2W$
- ☐ C  $3W$
- ☐ D  $4W$

(Total for Question 3 = 1 mark)