



**Level 4 SAT question**

**4. 2.** The action of the weather and plants on rocks and building materials is called **weathering**. The rock is damaged but no solid materials are removed. When solid rock is broken down *and* removed from the area by moving water, wind or ice, the process is called **erosion**.

(a) For the examples described in the table below, tick one box in each row to show if the example is **weathering**, **erosion** or **neither**.

<b>Example</b>	<b>weathering</b>	<b>erosion</b>	<b>neither</b>
The stones in an old stone wall have been pushed apart by the roots of weeds.			
An old granite gravestone is still smooth and shiny.			
A clay flower pot in the garden has crumbled and broken into pieces over winter.			
Some soil has been washed from a flower bed by the rain.			

4 marks

(b) How might water cause weathering of a cracked brick in a garden wall?

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..... 1 mark

**Maximum 5 marks**