



Name _____ Class _____ Date _____

1 _____ refers to the natural processes that **break** rock into **smaller** and **smaller** pieces.

A Subduction
 B Weathering
 C Oxidation
 D Erosion



2 Which of the following is an example of the **chemical weathering** of rock?

A blowing sand
 B freezing and thawing
 C acid rain
 D burrowing animals

3 Which of the following is an example of the **mechanical weathering** of rock?

A acid rain



4 Acid precipitation contains a number of different acids which form when the **water** reacts with air born **pollution**. Which two acids are most common in **acid precipitation**?



PREVIEW

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7 limestone weathering faster than granite, is known as _____.

A chemical weathering
 B mechanical weathering
 C erosion
 D differential weathering



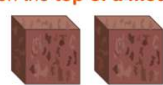
8 Cube 2 has been broken into 5 smaller pieces. If the two cubes are left outside for many years, which will **weather faster** and why?

A cube 2; it has smaller surface area
 B cube 2; it has a larger surface area
 C cube 1; it's bigger
 D cube 1; it's a single, whole piece



9 Decide if the following is true or false: Weathering depends on location. Compared to the foot of a mountain, the temperature changes are more extreme at the top, heating and freezing rock more often. There are more windblown particles and stronger winds. There is also more rain, so more chemical weathering occurs. **Rock weathers faster on the top of a mountain.** True or false?

A true B false



10 The part of soil that is composed of **decayed biological matter** is called _____.

A parent rock
 B residual soil
 C humus
 D transported soil



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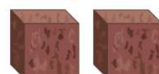
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True or false?

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