Chemical vs. Mechanical Weathering

Decide on a group representative to give your group's answer when called on.

View each slide and determine if it is chemical weathering or mechanical weathering and a reason WHY it is that type of weathering.

This is chemical weathering.
Acid rain has dissolved parts of this statue

This is an example of mechanical weathering. The tree trunk/roots has physically broken up this large rock.

The movement of wind, water and ice attributed to the break down of these rocks.


LECOMPTE
BORN
FEB. 11, 187
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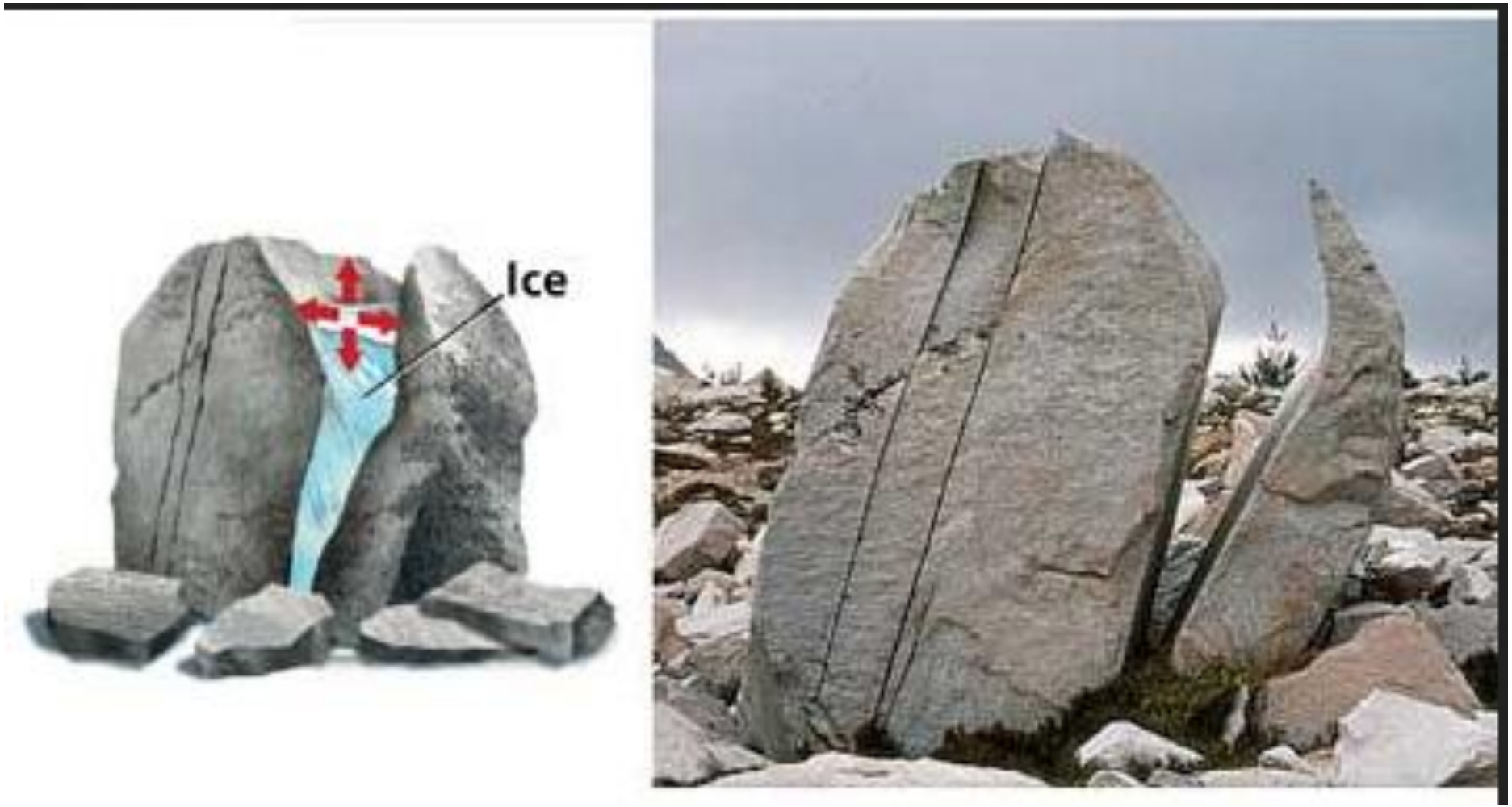
APRIL 30, 1903

The headstones became weathered through carbonation; the process of water reacting with minerals containing carbonates.
A carbonate is dissolved carbon dioxide.

The prairie dog burrowed within the soil and allowed water and air to chemically break down the environment around it. This is chemical weathering.


Ice

The repeated freezing and thawing of this rock eventually split it. This was caused by mechanical weathering.