

How the Earth Was Made: The Alps

Name: _____

Use complete sentences for those that have an asterisk (*).

1. *What did De Vinci think caused fossil sea creatures to end up high in the Alps?
2. *The 30-mile line followed by Escher and Heim was actually an “over-thrust” fault. Explain how an over-thrust fault forms.
3. *What collision caused the “sandwich of rocks” that became the Matterhorn?
4. What blocked the flow of a stream to cause the scenic lake to form?
5. *How did the thousands of feet (billions of tons) of rock missing from the Alps get transported to the basin (depression) north of the mountains?
6. How many climbers have perished on “the Murder Wall” since 1935?
7. *The Alps have been “falling down at an accelerated rate” as the glaciers have been melting in recent centuries. Explain 1 of the 2 ways that glacial melting has contributed to this erosion.
8. *How do experts know that the high mountain passes in the Alps were ice-free in 218 B.C.?
9. What mountain range in the USA will the Alps probably resemble in 100 million years?