

Geology 12

Unit 0 – Introduction

Day 6 – Intro to Physical Geology Examples

Name: _____

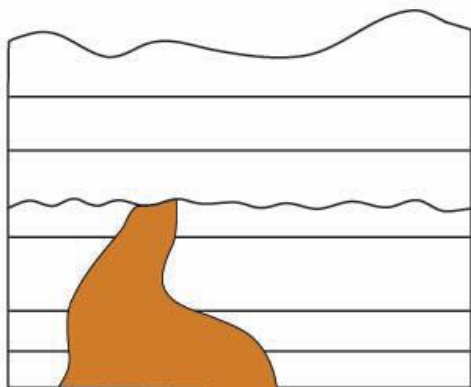
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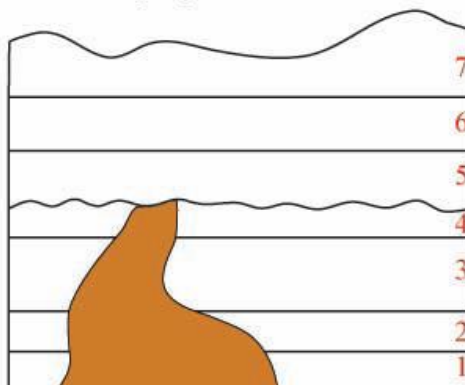
Common Events: _____

1) Deposition of sedimentary layers, 2) Tilting or folding rocks, 3) Uplift and erosion of rocks, 4) Intrusion of liquid magma, and 5) Fracturing of rock (faulting)

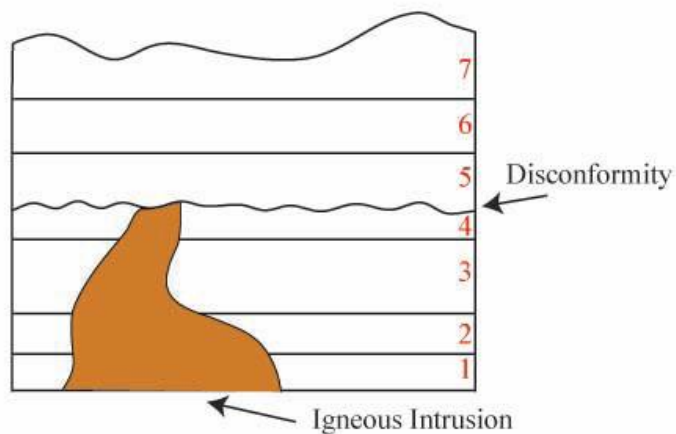
Building a Relative Time Sequence



Step 1. Identify and number all of the sedimentary layers.



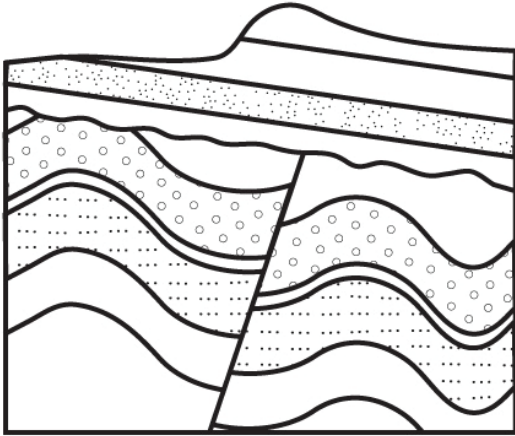
Step 2. Identify any other geologic events



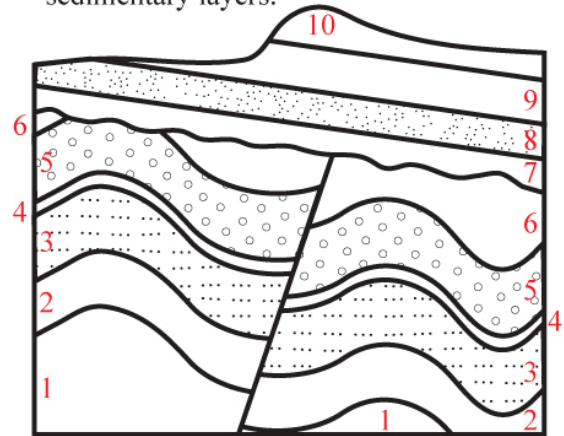
Step 3. Place the sedimentary Layers and geologic events in order based on the Geologic Laws.

1. Deposit sedimentary layers 1-4.
2. Igneous Intrusion.
3. Uplift and Erode - Disconformity.
4. Subsidence and Deposit layers 5-7.
5. Uplift and Erode.

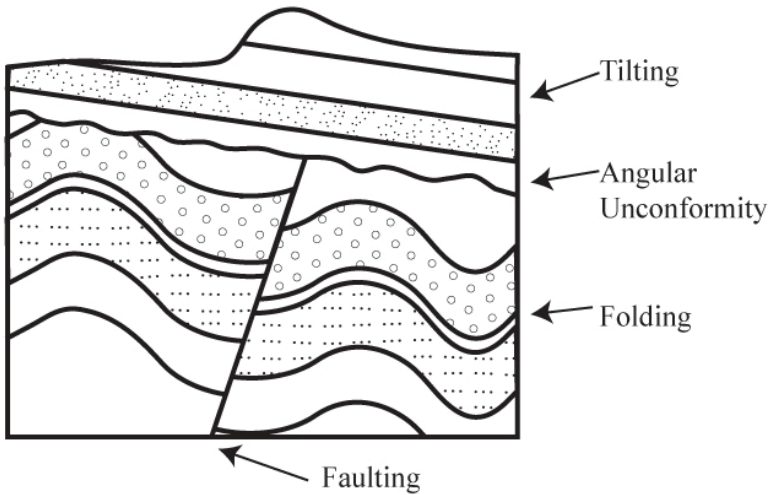
Building a Relative Time Sequence



Step 1. Identify and number all of the sedimentary layers.



Step 2. Identify any other geologic events



Step 3. Place the sedimentary Layers and geologic events in order based on the Geologic Laws.

1. Deposit sedimentary layers 1-6.
2. Fold and Fault layers 1-6.
3. Uplift and Erode - Angular Unconformity
4. Subsidence and Deposit layers 7-10
5. Tilt Layers 1-10.
6. Uplift and Erode.