
MOUNTAINS

How Do Mountains Form?



Mountains



- * a large, naturally occurring formation of Earth's surface that rises sharply above the surrounding area.

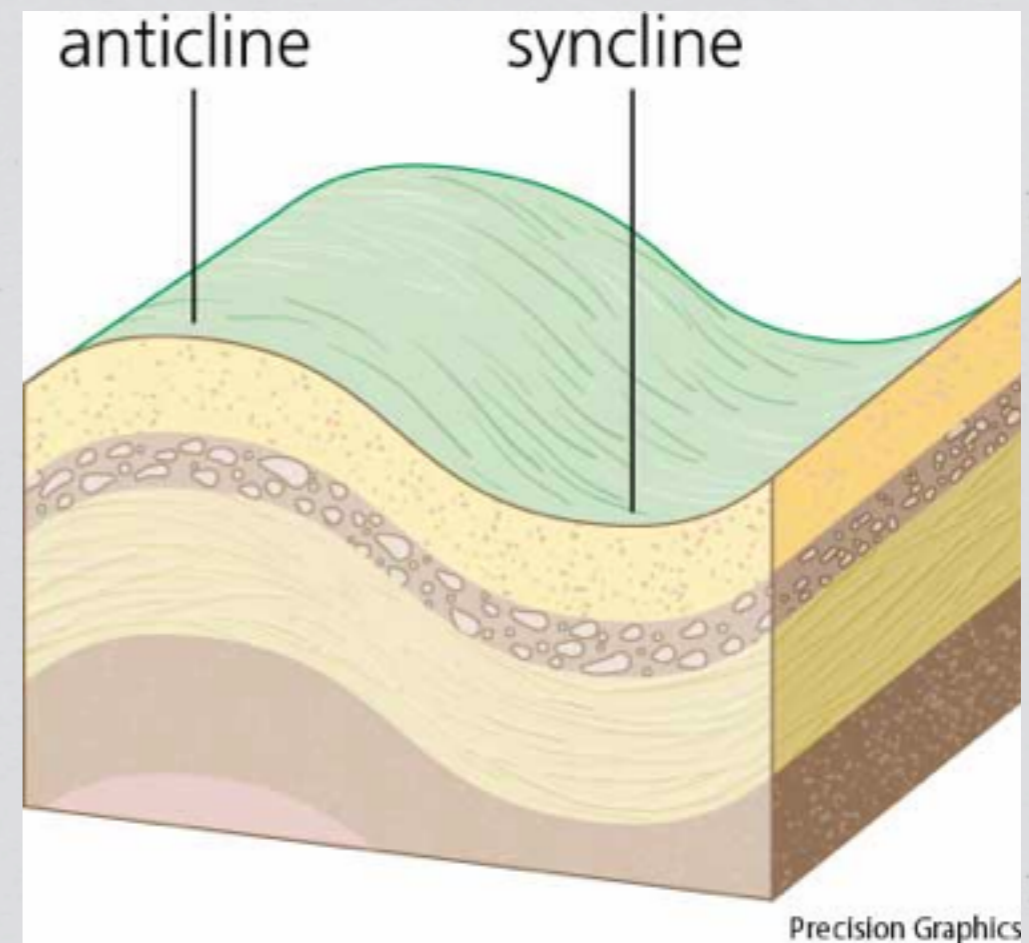
Mountain Formation

- * Rocks are pushed against one another and fold.
- * Where mountains form, the rock is only hot enough to bend.



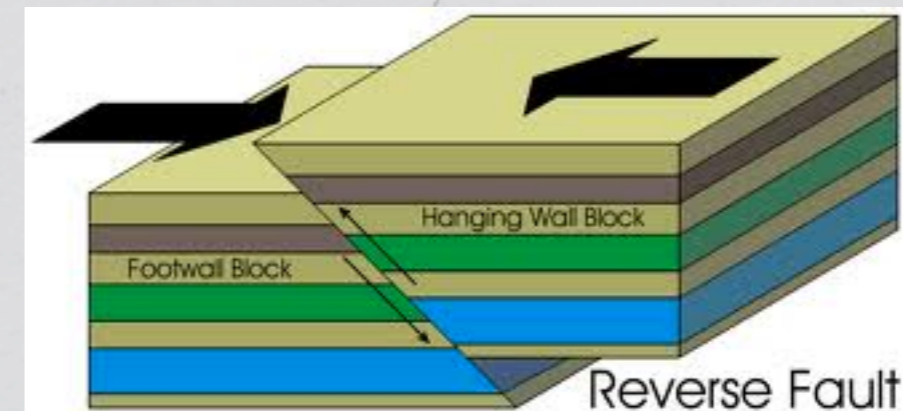
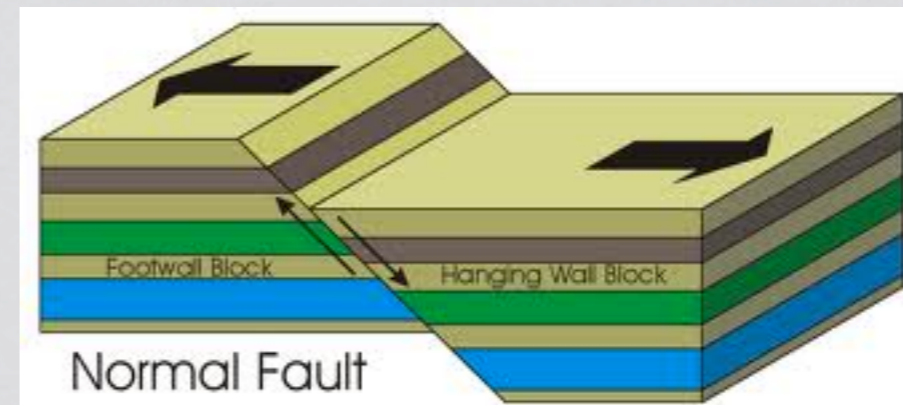
Mountain Formation

- * The upward part of the folded rock is called the **anticline**.
- * The bottom of the fold is called the **syncline**.



Mountain Faults

- * Vertical faults are called **normal faults** if the rock moves down, and **reverse faults** if the rock is pushed up.
- * Mountains created by both folding and faulting are called **complex mountains**.



Question

- * If mountains occur at plate boundaries, then how did the Rockies form in the middle of a plate?

