Chapter 20: Mountain Building

Using your book, answer the following questions in your science notebook.

1) What is isostasy? Give a real world example.
2) Explain isostatic rebound. Give a real world example.
3) What are underwater mountains called?
4) Define orogeny:
5) What type of plate boundaries are most orogenic belts associated with?
6) What types of deformation do compressive forces cause? (hint: 4 types)
7) What are the three types of convergence boundaries that cause mountains? Include a simple picture of each one. (hint: check your class notes)
8) What kind of mountain does each type of convergent boundary create? List all three.
9) What are the other three types of mountains that aren’t associated with convergent boundaries? List and define each.