Study Guide – Mountain Building, Earthquakes, Volcanoes

 Chapters 15.4, 17.3, 16.1

Vocabulary- be able to define the following terms

1. Folded mountains
2. Fault block mountains
3. Volcanic mountains
4. Divergent boundary
5. Convergent boundary
6. Transform boundary
7. Subduction
8. Hot spot
9. Elastic deformation
10. Plastic deformation
11. Seismology
12. Earthquake
13. Tectonic plate
14. P Wave (primary wave)
15. S Wave (secondary wave)
16. Body wave
17. Surface wave

Concepts – Understand and explain the following concepts

1. Name and describe how the three types of mountains form
2. Understand the three types of plate boundaries and how they affect or cause mountain building, volcanoes and earthquakes.
3. Differentiate between body waves and surface waves
4. Name and describe the two types of body waves
5. Differentiate between elastic and plastic deformation