

## Chapter 29 Homework: Formation of Rocks

### Date Due \_\_\_\_\_ 29.1 Volcanoes Vocabulary and Questions

1. Volcans
2. Magma
3. Lava
4. Magma Chambers
5. Vents
6. Crater
7. Shield Volcanoes
8. Stratovolcanoes
9. Cinder Cone Volcanoes
10. Calderas
11. Hydrothermal Vents
12. What is pyroclast? What is ash?
13. Draw and label the parts of a volcano
14. What types of plate boundaries are volcanoes associated with?
15. Describe the magma and eruptions associated with shield volcanoes? (Pg 561)
16. Describe the magma and eruptions associated with stratovolcanoes? (Pg 562)
17. Describe the magma and eruptions associated with cinder cone volcanoes? (Pg 563)
18. Describe volcanic activity at mid ocean ridges.
19. What forms island arcs?
20. What special organisms are found in hydrothermal vents?
21. What does it mean for a volcano to be dormant?

### Date Due \_\_\_\_\_ 29.2 The Surface of Earth Vocabulary and Questions

1. Fold Mountains
2. Fault-Block mountains
3. Erosion
4. Glaciers
5. Soil
6. Soil Profile
7. Ice Age
8. Geologic Hazard Map
9. Urban Sprawl
10. Compare and contrast constructive and destructive processes?
11. Describe and give an example of each of the three mountain building processes.
12. How can you tell if a mountain is young or old?
13. What is the difference between a U-Shaped valley and a V-shaped valley?
14. Describe glacier formation. What causes glaciers to flow?

### Date Due \_\_\_\_\_ 29.3 Rocks and Minerals Vocabulary and Questions

1. Mineral
2. Cleavage Planes
3. Mohs Hardness Scale
4. Rock
5. Igneous Rocks
6. Sedimentary Rocks
7. Metamorphic Rocks
8. Rock Cycle
9. What is the difference between an intrusive and an extrusive igneous rock?
10. Describe how an igneous rock forms.
11. Describe how a sedimentary rock forms.
12. Describe how a metamorphic rock forms.
13. Describe how you might tell if a rock is igneous, sedimentary or metamorphic.
14. Draw a diagram of the rock cycle.

### Date \_\_\_\_\_ Chapter 29.1 & 29.2 Vocabulary Quiz

### Date \_\_\_\_\_ Igneous Rock Identification Quiz

### Date \_\_\_\_\_ Sedimentary and Metamorphic Rock Identification Quiz

### Date Due \_\_\_\_\_ End of Chapter Bookwork: Pg 583 - 585: Set 1 # 1-5, Set 2 #1-5, Set 3 #1-5, Concept Review 1-8, Problems 1, 3, 4 (#4 is several parts. Please complete all parts.)

### Date \_\_\_\_\_ Chapter 29 Exam