

NAME: _____ DATE: _____ PERIOD: _____

ROCKS AND MINERALS
CHAPTER 3 ESRT PRACTICE

For questions 1–5, please refer to page 16 of the ESRTs.

1. What is the hardness of Amphiboles?	
2. Which four nonmetallic minerals have fracture?	a. b. c. d.
3. What is Muscovite Mica used for?	
4. What is the chemical composition of dolomite?	
5. Which mineral has a metallic luster and a hardness of 5.5?	

For questions 6–10, please refer to the Igneous rock chart on page 6.

6. What is the texture of Scoria?	
7. Which four igneous rocks are non-crystalline?	a. b. c. d.
8. Which is the only monominerallic rock on the chart?	
9. What minerals may appear in a sample of Pumice?	
10. What is the grain size of Rhyolite? What is its environment of formation?	

For questions 11–15, please refer to the Metamorphic rock chart on page 7.

11. What minerals make up Phyllite?	
12. Which nonfoliated rock forms through contact metamorphism?	
13. What rocks could Marble have been before being metamorphosed?	
14. What rock displays banding?	
15. What rock is formed when quartz sandstone undergoes a metamorphism?	