

Name \_\_\_\_\_

## Study Guide for Rocks and Minerals

Test Date \_\_\_\_\_



Use your text to find the answers.

1. What is a mineral? What does property mean? p. 252
2. Name four properties you can use to identify a rock? p. 252 - 253
3. Why isn't color a useful property to identify quartz? p. 252
4. What is Mohs' Hardness Scale? What is the softest mineral? What is the hardest mineral? True or False - The harder the mineral the more it will resist being scratched. p. 252
5. What is luster? If a rock like pyrite has a metallic luster what does that mean? p. 253
6. What does streak mean? True or False - The streak is not always the same color as the rock. p.253
7. What is an igneous rock? What is the difference between magma and lava?  
What igneous rock looks like black glass?  
What igneous rock cooled slowly underground and has large mineral grains?  
p. 254  
What igneous rock can float? pumice
8. What is a sedimentary rock? What causes sediment to stick together? (2)  
p. 255.  
Name two sedimentary rocks. p. 256
9. What is relative age? p. 255 The older the relative age of a rock layer,  
the lower it is found. True or False
10. What is a metamorphic rock? p. 256.  
Metamorphic rocks can form from igneous, sedimentary, and metamorphic  
rocks. True or False  
Name 3 metamorphic rocks and their original rocks.  
Why does gneiss have bands of color and quartzite does not? p. 256

11. What is the rock cycle? Name two reasons why rocks break apart into sediments? p. 256 - 257
12. What is a fossil? What type of rock will most likely have a fossil? What parts of an animal are more likely to become a fossil? What are some other ways an organism can become a fossil. p. 274
13. What is the difference between a mold and cast fossil?  
What is an imprint? Know examples of imprint fossils.  
What does petrified mean? p. 275
14. If I found a fossilized fern in a very cold region what can I conclude about that area long ago?  
If I found a fossilized fish on land what can I conclude about that area long ago? p. 276 - 277.
15. What are fossil fuels? Name 3.  
What forms them? How long does it take?  
Why are fossil fuels nonrenewable resources?  
What are some problems with fossil fuels? p. 278
16. What is a renewable resource? Name four examples. p. 279.