

Name _____

Period _____

Metamorphic Rocks HWK #1

Watch this youtube video or read pages 160- 162 in your textbook to answer the following questions. Use your computers, use your phones, use your friend's tablet, or come see me before or after school to watch the video.

Video: "Intro to Metamorphic Rocks"
<http://www.youtube.com/watch?v=YBLOcdTC7DA>

1. What forces create metamorphic rocks?

2. Circle which one of these rocks shows the highest degree of metamorphism?

Slate Schist Gneiss

3. What is regional metamorphism? Name a rock created from this process.

4. Where is contact metamorphism found?

5. What type of rock is created if a parent rocks fully melts?

6. What are the four ways that rocks change due to metamorphism that help you to identify them?

a. _____

c. _____

b. _____

d. _____

Matching- Match the Metamorphic rocks listed on the right with the Igneous and Sedimentary rocks they are made from, listed on the left.

7. Sandstone

Metaconglomerate

8. Limestone

Slate

9. Conglomerate

Gneiss

10. Granite

Quartzite

11. Shale

Marble