

NAME _____

THE PRESSURE IS ON - METAMORPHIC ROCKS

Read pages 160- 162 in *Inside Earth* and answer the following questions.

1. Sedimentary rocks are formed on the surface of the Earth. After they are created what three changes can they go through?

- a.
- b.
- c.

2. Which type of rock can become a metamorphic rock?

3. What four physical characteristics about a rock can be changed as it is metamorphosed?

- a.
- b.
- c.
- d.

4. What are the two factors that cause metamorphism?

5. How do each of those variables change the rock?

6. How do geologists classify metamorphic rocks?

7. What are the two major types of metamorphic rocks? What do they look like?

Your book only listed three rocks and how they are metamorphosed. I've listed all of the ones you need to know. Do a little snooping and find the rest. Shale also goes through many other changes. Try to find them.

Rock Name	Becomes	Becomes	Becomes	Becomes
Granite		X		
Sandstone		X		
Shale				
Limestone				

So what about all of the other rocks? What do you think they call them when they are changed?