

Name _____

PRELAB EXERCISE ON METAMORPHIC ROCKS

1. Define:

foliation: _____

gneissic: _____

schistose: _____

slaty _____

metamorphic grade: _____

metamorphic zones and isograds: _____

index minerals: _____

2. Where does metamorphism occur (4 metamorphic settings)?

3. Know how to use the **Metamorphic Rock Classification Chart (Pg. 197)**:

a coarse-grained, foliated, muscovite rich rock containing garnet would be called: _____

a very fine-grained rock with a strong tendency to break into flat slabs would be called: _____

a medium-grained, crystalline rock composed of calcite would be called: _____

a coarse-grained, light/dark banded rock containing quartz, feldspar, and biotite: _____

4. What mineral is marble composed of? _____

5. What mineral is quartzite composed of? _____