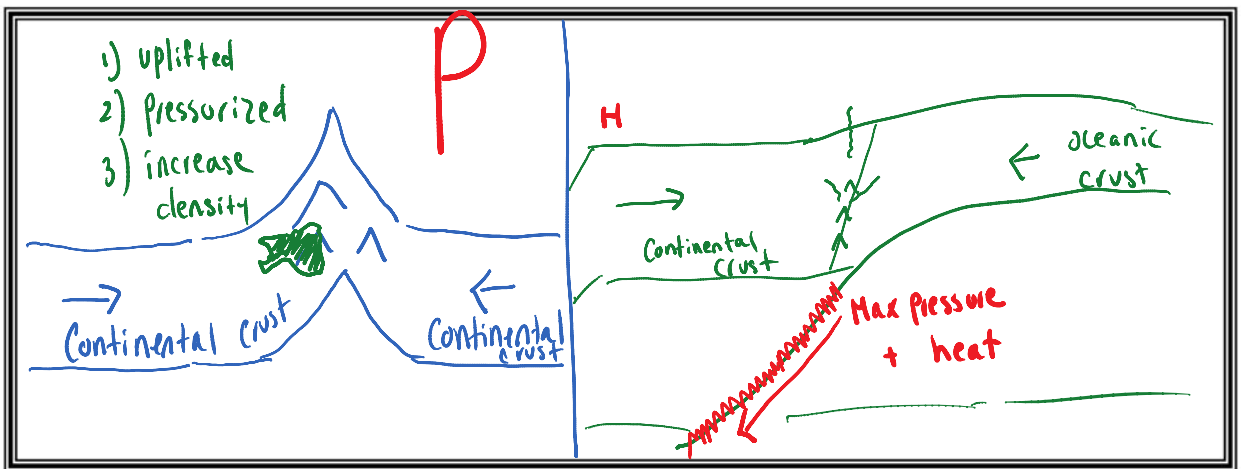


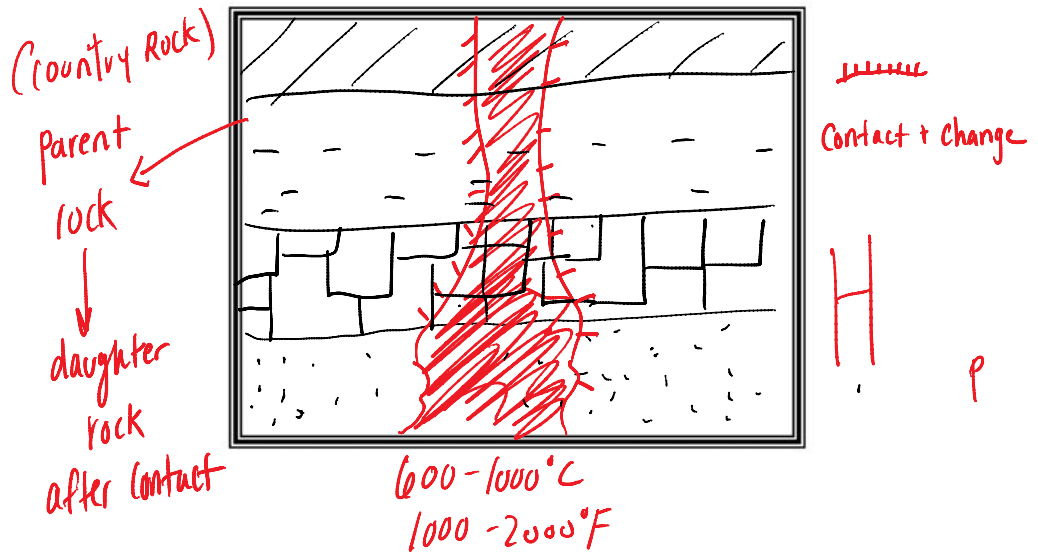
**Metamorphic Rock Notes**

Metamorphism (Metamorphic Rock): deformed, changed, recrystallized rock

Environment of Formation #1: Regional environment (Metamorphism)



Environment of Formation #2: Contact metamorphism (local)



Name: \_\_\_\_\_ Date: \_\_\_\_\_

What factors influence the formation of metamorphic rock?

Process	Physical Characteristics	Type of Metamorphism
Pressure	Banding mineral alignment / foliation	Regional Metamorphism
heat	Crystalline → Nonfoliation	Contact Metamorphism

Answer the following questions based on the **Scheme for Metamorphic Rock Identification** on Page 7 of your Earth Science Reference Tables...

1) What is the parent rock of slate? Shale

2) If metamorphism were to continue, list the next 3 rocks that would form after slate:

slate → phyllite → schist

3) How are foliated rocks classified?

based on process, mineral alignment + banding

4) How are non-foliated rocks classified? based on grain size

5) You find a metamorphic rock that has visible mica crystals and it is medium-grained. What is the name of this rock?

Schist