

Name \_\_\_\_\_

# LAB: IDENTIFYING ROCKS

Using the Rock ID charts, identify the 9 sample rocks. Make sure everybody in your group has a chance to handle the rocks, use their charts, and has some input in the naming them.

ROCK TYPE	ROCK SAMPLE #	ROCK SAMPLE NAME
IGNEOUS	I-1	
IGNEOUS	I-5	
IGNEOUS	I-8	
METAMORPHIC	M-2	
METAMORPHIC	M-4	
METAMORPHIC	M-6	
SEDIMENTARY	S-1	
SEDIMENTARY	S-2	
SEDIMENTARY	S-6	

## Igneous Rocks

1. Which rocks were intrusive?
2. Which rocks were extrusive?
3. Can you see crystals in Gabbro? Does this mean Gabbro has coarse or fine texture?
4. How could you tell the difference between pumice and obsidian?
5. What made the "bubbles" in pumice?

## Sedimentary Rocks

1. Which rocks were clastic?
2. Which rocks were non-clastic?
3. How did particle size help you tell the difference between conglomerate and shale?
4. What evidence in limestone helps you to know a major difference between rocks and minerals?

## Metamorphic Rock

1. Which rocks were foliated?
2. Which rocks were non-foliated?
3. How could you tell the difference between schist and quartzite?
4. The metamorphic rock slate is made from which sedimentary rock? How can you tell?