

Name: _____

In-class Activity – Rocks that Originate Underground: Answer the following questions based on information in the video.

A. Give two examples of crystals you regularly encounter in your normal life:

1. _____

2. _____

B. What happens when crystals are heated to their melting point? _____

C. If the melt cools slowly, what happens? _____

D. If the melt cools quickly, what is formed? _____

E. Where in nature is molten rock (magma) produced and then cooled quickly? _____

F. Where in nature is molten rock produced (magma) and then cooled very slowly? _____

G. Plutonic and volcanic rocks are called igneous rocks after the Latin word for: _____

H. A metamorphic rocks is a _____ rock.

I. "It is said that most rocks are formed from other rocks, do you see why?" Briefly summarize two of the rock forming processes described in this video in which the materials that make up a rock are derived from the materials in another rock. Use complete sentences.