

UNIT
3REVIEW
2*Igneous Rocks*

Use your book (pg. 150-153) to answer the questions on this worksheet.

A. Fill in the blank to complete each definition.

1. Igneous rock formed from lava on earth's surface is called _____ rock.
2. A rock with large crystals scattered on a background of much smaller crystals has a(n) _____ texture.
3. Igneous rock formed from magma below earth's surface is called _____ rock.

B. Fill in the missing information in the table below.

Origin of Igneous Rock	Resulting Texture
Slow cooling of magma beneath earth's surface	<i>Coarse-grained</i>
Magma cooling in two stages, first slowly and then quickly	4. _____
Extremely rapid cooling of lava in which no crystals form	5. _____
Rapid cooling of lava in which tiny crystals form.	6. _____

C. Answer the following questions.

7. Explain how the amount of silica in molten material affects the color of igneous rock.

8. What qualities of igneous rocks have long made them useful for tools and building materials? _____

9. Describe one use each for the igneous rocks granite, basalt, and pumice.

a. Granite is used for: _____

a. Basalt is used for: _____

a. Pumice is used for: _____