Name _____ Date _____ Class _____

Key Concept Builder **LESSON 1**

Rocks and the Rock Cycle

Key Concept How are rocks classified?

Directions: *On the line before each description, write the letter of the type of rock that matches it correctly.*

A. igneous rock

B. sedimentary rock

C. metamorphic rock

_____ **1.** has parallel bands of dark and light mineral grains

_____ **2.** forms when sediment is compressed

_____ **3.** has foliation

_____ **4.** contains low-density minerals such as quartz

_____ **5.** contains high-density minerals such as olivine

_____ **6.** forms from the layering of eroded rock

_____ **7.** Gneiss is an example.

_____ **8.** Limestone is an example.

_____ **9.** formed from magma

_____ **10.** results from cementation of sediment

_____ **11.** forms when molten rock cools and crystallizes

_____ **12.** what preexisting rock becomes

_____ **13.** forms from dissolved minerals that crystallize between grains

_____ **14.** Marble is an example.

_____ **15.** forms from lava

_____ **16.** forms when sediment is transported and then compressed

_____ **17.** shows a pattern of layering

_____ **18.** forms when tiny crystals in magma form

Copyright © Glencoe/McGraw-Hill, a division of The McGraw-Hill Companies, Inc.