

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.

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| _____ 1. has parallel bands of dark and light mineral grains | A. igneous rock |
| _____ 2. forms when sediment is compressed | B. sedimentary rock |
| _____ 3. has foliation | C. metamorphic rock |
| _____ 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 | |