

M O D E R N E A R T H S C I E N C E

Section 10.1

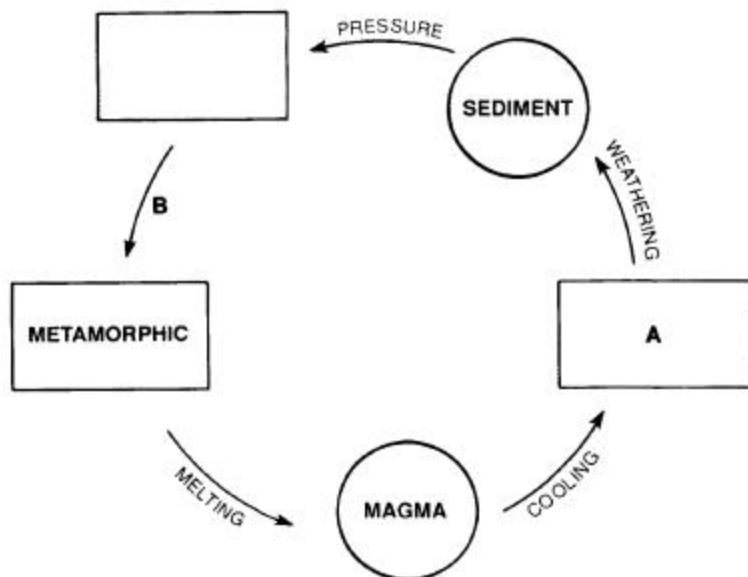
Rocks and the Rock Cycle

Read each statement below. If the statement is true, write *T* in the space provided. If the statement is false, write *F* in the space provided.

- _____ 1. The three classes of rock are igneous, sedimentary, and extrusive.
- _____ 2. Any one of the three classes of rock can be changed into any other class.
- _____ 3. Rocks are classified according to how they were formed.
- _____ 4. Sedimentary rock is the parent material for all rocks.
- _____ 5. High temperatures can change sedimentary rock directly into magma.

Complete each statement by writing the correct term or phrase in the space provided.

6. Rocks are changed from type to type in a series of changes called the rock _____ .



7. The type of rock represented by rectangle **A** in the diagram is _____ .
8. The arrow labeled **B** represents heat and _____ .
9. Rocks, minerals, and organic matter that have been broken into fragments are called _____ .
10. Magma that reaches the earth's surface is called _____ .