

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

Section 10.4

Metamorphic Rock

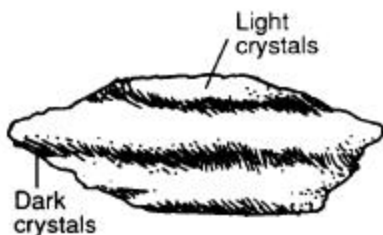
Read each statement below. If the statement is true, write *T* in the space provided. If the statement is false, write *F* in the space provided.

- _____ 1. Most metamorphic rock forms near the earth's surface.
- _____ 2. Metamorphism can change the mineral composition of rock.
- _____ 3. Most metamorphic rock is formed by tectonic activity.
- _____ 4. Metamorphism results from heat, pressure, and chemical processes.
- _____ 5. Metamorphism can create a hard and durable rock from a softer sedimentary rock.

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

6. Quartzite is produced by the metamorphism of _____ .

7. The type of metamorphism that results from the heat of magma is called _____ .



8. The appearance of the metamorphic rock in the diagram indicates that it should be classified as _____ .

9. Slate is formed when great pressure acts on the sedimentary rock _____ .

10. Metamorphism that occurs over large areas is called _____ .