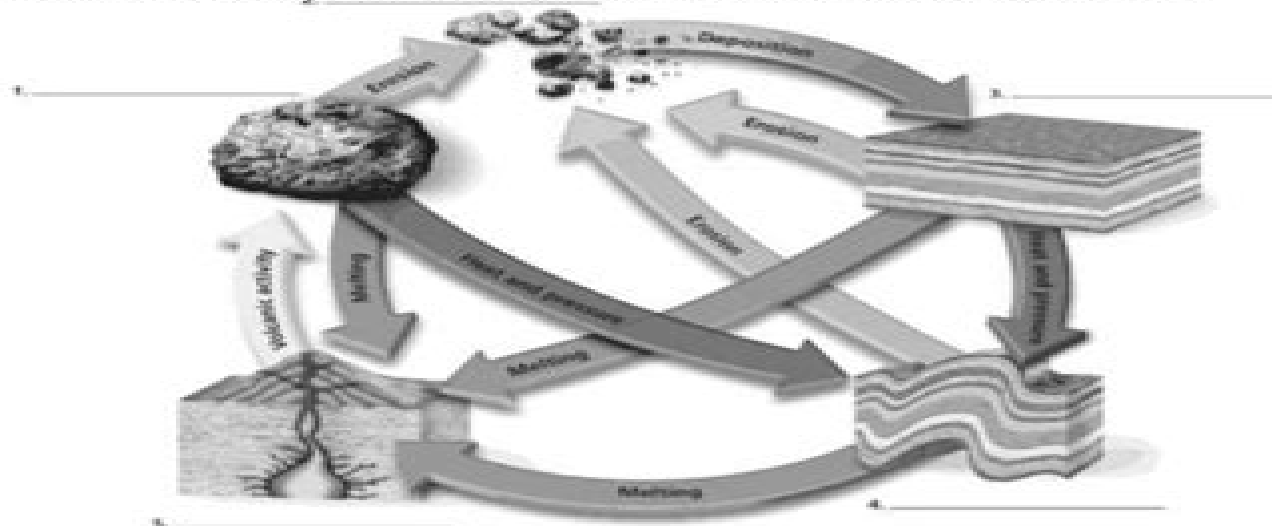


Review and Reinforce

The Rock Cycle Review Worksheet

Understanding Main Ideas: Use these terms to fill in the blanks in the figure below:
metamorphic rock, sedimentary rock, magma and lava, igneous rock, sediment.



Answer the following questions on a separate sheet of paper.

- Describe how the granite of a mountain could change first into sandstone and then into quartzite.
- Describe how a collision between continental plates can result in the formation of metamorphic rock.

Building Vocabulary write a definition for the term below.

- rock cycle

Fill in the blank using the following words to complete each statement:

deposition, melting, magma, heat, cycle

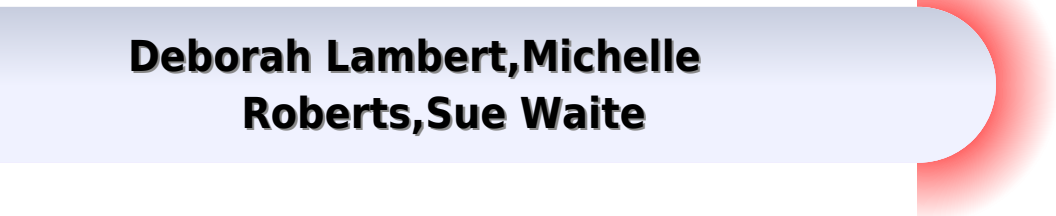
- The series of processes that that slowly change Earth's rocks from one kind to another is called the rock _____.
- Plate movements help drive the rock cycle by helping to form _____, the source of igneous rocks.
- Deep beneath the surface, _____ and pressure can change sedimentary rock to metamorphic rock.
- Through the process of _____, metamorphic rock can become magma.
- Sediment piles up on the ocean floor through the process of _____.

If the statement is true, write **true**. If the statement is false, **change the underlined word** or words to make the statement true.

- _____ The process that breaks down granite into sediment is deposition.
- _____ There are many pathways by which rocks move through the rock cycle.
- _____ The processes of the rock cycle form a pattern of pathways.
- _____ Surface events not subsurface events change rocks from one kind to another.
- _____ The collision of continental plates can push up a mountain range, after which weathering and erosion begin.

Section 3 The Rock Cycle Workbook Answer Key

**Deborah Lambert,Michelle
Roberts,Sue Waite**



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