

Name \_\_\_\_\_

Date \_\_\_\_\_

Answer Key

# The Rock Cycle: Vocabulary



Show what you know about the rock cycle!  
Match each vocabulary term to its definition  
by writing the correct letter on the line.

1.   c   Melting

2.   e   Crystallization

3.   a   Weathering

4.   g   Sedimentation

5.   b   Metamorphism

6.   h   Erosion

7.   j   Deformation

8.   l   Magma

9.   d   Lava

10.   k   Igneous rock

11.   f   Sedimentary rock

12.   i   Metamorphic rock

a. When rock on Earth's surface is broken into smaller pieces, forming loose material

b. When temperature and pressure cause some minerals in the rock to break down and other minerals to form

c. When solid rock turns into molten, or liquid, rock

d. Molten rock that breaks through Earth's surface

e. When magma and lava cool and harden into solid rock

f. Rock that forms as a result of sedimentation

g. When layers of sediment are compacted and cemented together over time to form rock

h. When pieces of rock are carried away by running water, wind, or ice

i. Rock that forms through metamorphism

j. When rock changes shape due to compression or tension in Earth's crust

k. Rock that forms when magma or lava crystallizes

l. Molten rock that is underground