










Magic Squares: Rocks

Place the number for the matching definition in the vocabulary box. Each number is used only once. The sum of the numbers across, down, and diagonally should all be the same.

 igneous	 erosion	 rock
 weathering	 rock cycle	 sedimentary
 strata	 metamorphic	 deposition

1. The process of wind, water, ice, or gravity moving sediment from one location to another.
2. The process in which sediment is laid down (stops moving).
3. This process of wind, water, ice, or heat breaks rock down into smaller pieces.
4. Layers of rock.
5. The series of processes in which rock forms, changes from one type to another, and forms again by geologic processes.
6. A naturally occurring solid mixture of one or more minerals or organic matter.
7. This type of rock is made from pieces of other rocks.
8. This type of rock forms when melted rock cools and hardens.
9. This type of rock forms when heat and pressure change the chemical makeup of a rock.