



GeoScience Videos Quiz for Sedimentary Rocks

1. Which **type** of sedimentary rock is formed from rock and mineral fragments weathered from rocks at Earth's surface?
a) Clastic b) Chemical c) Biochemical d) Bioclastic
2. Which **type** of sedimentary rock is formed by the actions of microscopic marine organisms?
a) Sandstone b) Shale c) Coal d) Chalk
3. Predict which transportation mechanism can carry the largest sizes of clastic sediment.
a) Streams b) Wind c) Glaciers
4. Limestone can form as a result of precipitation from a solution
a) True b) False
5. Identify TWO lists of clastic, chemical, and biochemical sedimentary rocks (in that order)?
a) conglomerate, shale, coal c) conglomerate, travertine, coal
b) shale, rock salt, limestone d) shale, coal, rock salt
6. Lithification is the process
a) that occurs when minerals are dissolved in groundwater and streams.
b) resulting from the compaction and cementation of clastic sediment.
c) by which microscopic marine organisms accumulate on the sea floor.
7. Match the following rock types – **travertine, rock salt, coal** - with the descriptions of sedimentary environments.
a) A rock formed by precipitation at a hot spring _____
b) A biochemical rock formed in tropical wetlands _____
c) A rock formed with the waters of the Mediterranean Sea evaporated _____
8. Shale is a common _____ sedimentary rock formed from _____.
a) Clastic; clay-sized particles
b) Biochemical; marine organisms known as coccolithophores
c) Clastic; gravel
d) Biochemical; remains of dead plants.
9. Draw a diagram or concept map or generate an outline that summarizes the classification of sedimentary rocks.