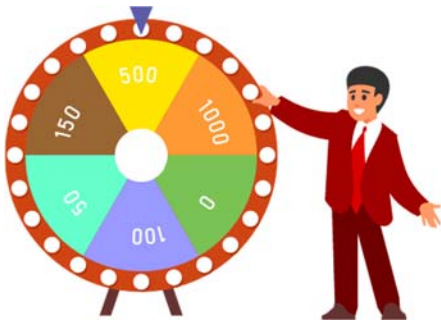


Name _____



Rock Cycle Game Show

Instructions: You are the contestant on *The Rock Cycle Game Show*! For each question, choose the correct answer (A, B, C, or D). Circle your choice clearly.

1. Which process changes igneous rock into sedimentary rock?
 - A. Melting
 - B. Cooling and solidification
 - C. Weathering, erosion, deposition, and cementation
 - D. Heat and pressure
2. What type of rock is formed when lava cools quickly at Earth's surface?
 - A. Basalt
 - B. Granite
 - C. Marble
 - D. Sandstone
3. Which of the following best describes metamorphism?
 - A. Rocks breaking apart into smaller pieces
 - B. Rocks melting and cooling into new forms
 - C. Rocks changing due to heat and pressure without melting
 - D. Rocks forming from compacted sediments
4. Which process produces magma?
 - A. Weathering
 - B. Cooling
 - C. Deposition
 - D. Melting

Name _____

5. Sandstone is formed from:
- A. Cooling magma
 - B. Compacted and cemented sand grains
 - C. Lava that cooled quickly
 - D. Heat and pressure on limestone
6. Which sequence correctly shows how sedimentary rock could become igneous rock?
- A. Weathering → Melting → Cooling
 - B. Heat and pressure → Cooling → Melting
 - C. Melting → Deposition → Cooling
 - D. Cooling → Melting → Weathering
7. What happens to magma when it cools slowly beneath the surface?
- A. It forms fine-grained rocks like basalt
 - B. It forms coarse-grained rocks like granite
 - C. It becomes sedimentary rock
 - D. It turns into metamorphic rock
8. Which of these is NOT part of the rock cycle?
- A. Melting
 - B. Cementation
 - C. Weathering
 - D. Precipitation

