

Name: _____

Date: _____

1. The process that wears away rocks and minerals on Earth is called

- A. weathering.
 - B. gravity.
 - C. layering.
 - D. folding.
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2. What causes earthquakes?

- A. energy being released when crustal plates move
 - B. energy from a hurricane or tornado
 - C. energy that builds up inside a volcanic mountain
 - D. energy being released when erosion occurs
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3. An extinct volcano is one that

- A. erupts only once.
 - B. erupts once every 100 years.
 - C. is expected to erupt soon.
 - D. has not erupted in many years.
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4. Today, oceanographers map the ocean floor using sonar techniques. These techniques were adapted from the original sonar systems developed for

- A. divers.
 - B. locating fish.
 - C. submarine detection.
 - D. communicating with dolphins.
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5. "Rivers" of water in oceans and other bodies of water are called

- A. currents.
 - B. tides.
 - C. surf.
 - D. sandbars.
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6. Which characteristic of oceans shows that they are in constant motion?

- A. their organisms
 - B. their shape
 - C. their depth
 - D. their tides
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7. The Mississippi River deposits soil as it empties into the Gulf of Mexico. This example shows that

- A. rocks can dissolve in water.
 - B. flowing water carries soil from place to place.
 - C. salt water is denser than freshwater.
 - D. Earth's land area keeps growing.
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8. Waves breaking on a beach will change it over time. If sediments are moved into the ocean by wave action,

- A. the beach area will decrease.
 - B. the beach area will increase.
 - C. the beach area will become more level.
 - D. the particles on the beach will become smaller.
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9. Waves on the Atlantic Ocean are caused by

- A. the Gulf Stream.
 - B. the tidal current.
 - C. the wind.
 - D. the jet stream.
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10. When industrial waste enters rivers, it eventually reaches the ocean. This pollution can kill ocean life or make seafood unsafe for eating. Which is NOT true about this type of pollution?

- A. It is spread in the ocean by currents.
- B. It is sometimes radioactive.
- C. It is often concentrated in coastal areas.
- D. It is all being eliminated by modern technology.

Answer Key

1. A) weathering.
2. A) energy being released when crustal plates move
3. D) has not erupted in many years.
4. C) submarine detection.
5. A) currents.
6. D) their tides
7. B) flowing water carries soil from place to place.
8. A) the beach area will decrease.
9. C) the wind.
10. D) It is all being eliminated by modern technology.