

Name: _____

Date: _____

1. 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.

2. Muddy areas are usually found at the mouths of large rivers. These areas are caused by

- A. decayed vegetable matter.
- B. underwater volcanoes.
- C. soil erosion upstream.
- D. mountain building.

3. Stone Mountain in Georgia is a granite dome that formed deep underground. Over time, uplift and erosion exposed the granite. What natural activity is MOST responsible for breaking down the mountain today?

- A. faulting
- B. weathering
- C. stream erosion
- D. lightning

4. 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

5. Major earthquakes are caused by

- A. molten lava.
- B. underground rivers.
- C. pressures inside Earth.
- D. violent weather.

6. Do earthquakes occur underwater?

- A. No, earthquakes have to occur on land.
 - B. Yes, and they can cause huge tidal waves to occur.
 - C. No, only volcanoes occur underwater.
 - D. Yes, but they have no effect on the ocean waters.
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7. Which describes the landform from which melted rock is forced out of an opening in Earth's surface?

- A. fault
 - B. erosion
 - C. volcano
 - D. folded mountain
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8. Which example shows how Earth's surface has been changed by fast-moving water?

- A. earthquake
 - B. canyon
 - C. volcano
 - D. freshwater lake
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9. Which causes some parts of the ocean to be saltier than other parts?

- A. cruise ships
 - B. river sediments
 - C. fishing industry
 - D. ocean organisms
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10. Twice a day, the ocean level at the coast rises and falls. These ocean level changes are called

- A. currents.
- B. waves.
- C. undertow.
- D. tides.

Answer Key

1. A) the beach area will decrease.
2. C) soil erosion upstream.
3. B) weathering
4. A) energy being released when crustal plates move
5. C) pressures inside Earth.
6. B) Yes, and they can cause huge tidal waves to occur.
7. C) volcano
8. B) canyon
9. B) river sediments
10. D) tides.