

6th Grade Review Currents

Multiple Choice

Identify the choice that best completes the statement or answers the question.

- ____ 1. The surface currents of the Earth's Oceans are partially caused by
 - a. the moon.
 - b. earthquakes.
 - c. wind.
 - d. convection currents that circulate warm ocean water and cold ocean water
- ____ 2. Earth's atmosphere traps energy from the sun, which
 - a. allows water to exist as a liquid.
 - b. allows solar radiation to penetrate to the surface.
 - c. allows ozone to form easily.
 - d. causes meteors to burn up.
- ____ 3. In addition to gases, air also contains (pick all that apply)
 - a. water vapor.
 - b. ozone.
 - c. particles.
 - d. carbon dioxide.
- ____ 4. The two main factors that determine affect air masses and thus climate are
 - a. temperature and humidity from precipitation.
 - b. pressure and temperature.
 - c. altitude and pressure.
 - d. altitude and temperature.
- ____ 5. A large stream of moving water that flows through the oceans is called a(n)
 - a. current.
 - b. wave.
 - c. tide.
 - d. undertow.
- ____ 6. Water vapor is water in the form of
 - a. steam.
 - b. crystals.
 - c. a gas.
 - d. droplets.
- ____ 7. Convection takes place because
 - a. warm air is more dense than light air.
 - b. warm and cold air have the same density.
 - c. cold air is less dense than warm air.
 - d. cold air is more dense than warm air.
- ____ 8. Cool air masses tend to
 - a. be less dense and flow over warm air masses.
 - b. be lifted up by more dense warm air masses.
 - c. be less dense and flow under warm air masses.
 - d. mix easily with warm air masses.
- ____ 9. Air masses are huge bodies of air that form over
 - a. land only
 - b. water only
 - c. land and water
 - d. none of the above