

OCEAN FLOOR EDGENUITY QUIZ

- Sediment tends to build up in the
 - Continental shelf
 - Continental slope
 - abyssal plain
 - oceanic ridge
- What is created at the Juan de Fueca Ridge?
 - New sea floor
 - Earthquakes
 - sedimentary rock
 - oxbow lakes
- A continental shelf is characterized by all of the following EXCEPT:
 - Abundant life
 - Shallow water
 - high amounts of sunlight
 - high sediment build-up
- Which of the following can occur next to the continental shelf?
 - Trench
 - Continental slope
 - mid-ocean ridge
 - all of the above
- The measure of the amount of dissolved salt in a liquid sample is called
 - The water cycle
 - Evaporation
 - salinity
 - a thermal exchange
- All of the following statements are true of mining minerals from the ocean EXCEPT:
 - Mining for deep-water deposits is just as easy as mining for continental shelf deposits
 - Petroleum and oil can be mined from the continental shelf.
 - Minerals can be found in even the deepest parts of the ocean.
 - Valuable minerals such as diamonds and gold can be found in deep-water deposits
- True or False: Deposits of gold can be found in the deep ocean.
- True or False: Magma from Earth's interior oozes from the cracks at mid-ocean ridges.
- When was the first concrete evidence found to support the theory that new ocean crust formed at vents in the ocean floor?
 - 1920
 - 1977
 - 1821
 - 2001
- A mid-ocean ridge is formed from _____.
 - Abyssal plains
 - The continental shelf
 - lava
 - a trench
- True or False: It is less expensive to mine minerals from deep-water deposits than from continental shelf deposits.
- True or False: Trenches occur at divergent plate boundaries.
- What are black smokers?
 - Diesel ships, polluting the ocean
 - Giant squid that live on abyssal plains
 - hydrothermal vents
 - small research submersibles
- Every year, plates under the ocean move approximately
 - 1-2 centimeters
 - 1-2 feet
 - 1-2 yards
 - 1-2 miles
- _____ are formed when one crustal plate is forced under another.
 - Rift zones
 - Trenches
 - mid-ocean ridges
 - continental shelves
- A mid-ocean ridge forms at what type of plate boundary?
 - Convergent
 - Divergent
 - strike-slip
 - parallel
- True or False: Petroleum and coal can be mined from the continental shelf.