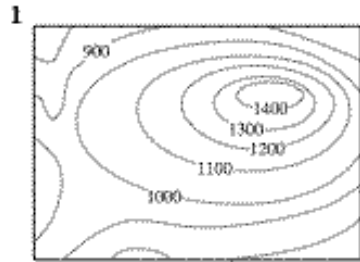


Name: \_\_\_\_\_

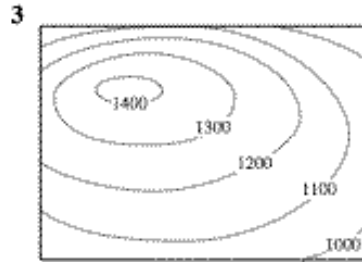
Group: \_\_\_\_\_

- \_\_\_\_\_ The primary cause of continental drift, earthquakes, and volcanic eruptions is
- convection currents beneath Earth's crust.
  - the rotation of Earth on its axis.
  - the gradual sinking of Earth's crust.
  - heat from the Sun warming Earth.
- \_\_\_\_\_ Typically, sedimentary rocks are formed
- only in erupting volcanoes.
  - only under great pressure and high temperatures.
  - below Earth's surface as magma cools and crystallizes.
  - from materials that erode and deposit.
- \_\_\_\_\_ Which is the best evidence for the theory of continental drift?
- the appearance of volcanoes at the boundaries where plates collide
  - earthquakes at boundaries where one plate slides past another
  - cases where a species exists in only one isolated place
  - fossils of the same species found on widely separated continents
- \_\_\_\_\_ Scientists claim that the continents of South America and Africa were once a single landmass. All of the following observations support this claim except
- the mountains on these continents have similar rocks of the same age.
  - these continents appear to fit together like the pieces of a puzzle.
  - similar fish live in the ocean off the coasts of these continents.
  - the same kinds of fossils have been found on these continents.
- \_\_\_\_\_ Rocks found on Earth are classified as sedimentary, metamorphic, or igneous based on
- where the rocks were found.
  - how the rocks were formed.
  - the composition of the rocks.
  - the color and shape of the rocks.
- \_\_\_\_\_ An earthquake is caused by sudden shifts in which of the following layers of Earth?
- outer core
  - crust
  - inner core
  - mesosphere
- \_\_\_\_\_ Which of the following describes where volcanoes are most likely to form?
- Volcanoes form in the middle of a tectonic plate.
  - Volcanoes form below the surface of tectonic plates.
  - Volcanoes form where tectonic plates meet other plates.
  - Volcanoes form where earthquakes are least likely to occur.
- \_\_\_\_\_ Which of the following **best** explains why the lower mantle of Earth is more rigid and dense than the upper mantle?
- The lower mantle is older than the upper mantle.
  - The lower mantle is cooler than the upper mantle.
  - The lower mantle is under more pressure than the upper mantle.
  - The lower mantle is farther from the core than the upper mantle.

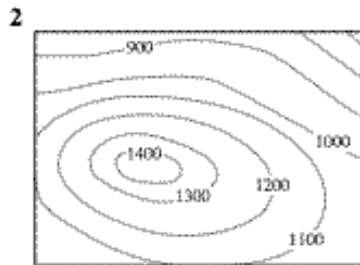
Use the illustration below to answer the question.



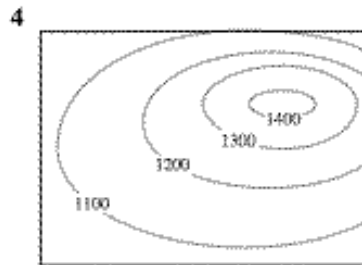
Contour Intervals  
in Meters



Contour Intervals  
in Meters



Contour Intervals  
in Meters



Contour Intervals  
in Meters

\_\_\_\_\_ Which of the mountains above has the steepest slope?

- A. 1
- B. 2
- C. 3
- D. 4

The maps below show the positions of two continents at two different times.



\_\_\_\_\_ The movement of the two continents as shown may best be explained by

- A. volcanic eruptions.
- B. magnetic changes.
- C. coastal flooding.
- D. plate tectonics