



Name: _____ #: _____

Date: _____ Section: _____ HR: _____

Science Question of the Day: February 1st – February 5th

Monday	<p>Figure 1 (pg. 89): The Ring of Fire is a belt of volcanoes that circles the Pacific Ocean. Observing – What other patterns can you see in the locations of Earth’s volcanoes?</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
Tuesday	<p>Figure 3 (pg. 91): Hawaii sits on the moving Pacific plate. Beneath it is a powerful hot spot. Eventually, the plate’s movement will carry the island of Hawaii away from the hot spot. Inferring – Which island on the map formed first?</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
Wednesday	<p>What process forms island arcs?</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>

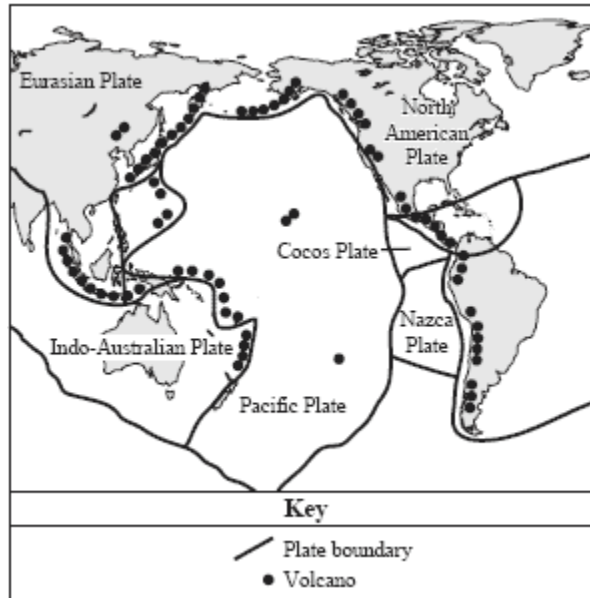
2006, Science and Technology/Engineering - Grade 8

Question 27: Multiple-Choice

Reporting Category: Earth and Space Science

Standard: Mapping the Earth - 1

On the map below, dark circles indicate the positions of volcanoes in the "Ring of Fire" in and around the Pacific Ocean. Dark lines indicate tectonic plate boundaries of Earth's crust.



Thursday

According to this map, which of the following describes where volcanoes are **most likely** to form in the Ring of Fire?

- A. Volcanoes form in the middle of a tectonic plate.
- B. Volcanoes form below the surface of tectonic plates.
- C. Volcanoes form where tectonic plates meet other plates.
- D. Volcanoes form where earthquakes are least likely to occur.

Friday

Thinking Critically: Predicting – What will eventually happen to the active volcano on the island of Hawaii, which is now over the hot spot?
