

# Lesson 2: How did the Earth look in the past?

Activity 2.1: The Theory of Continental Drift: parts 1A/1B and 2

Reading 2.1: What is Continental Drift?

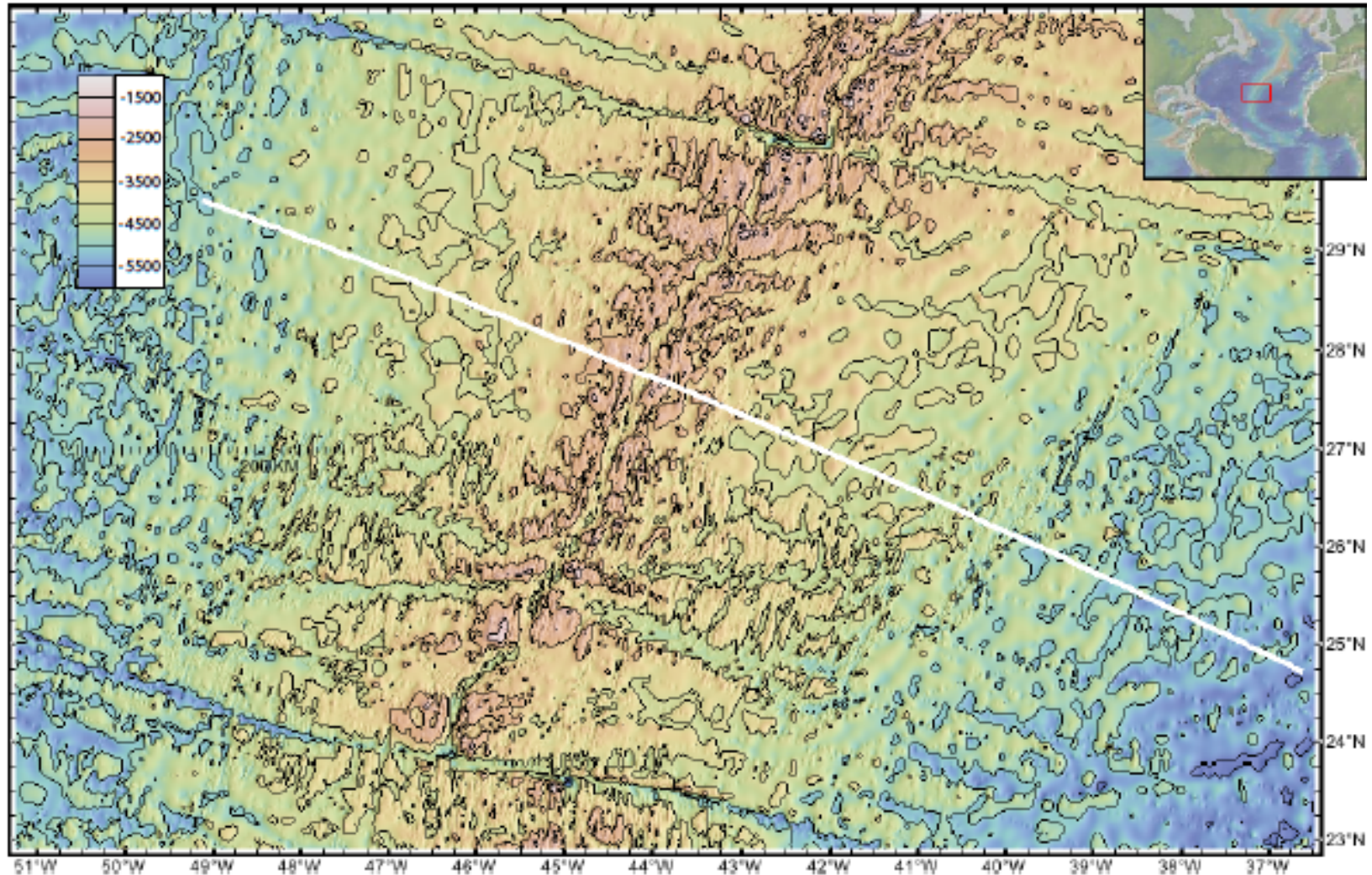
Activity 2.2: The Exploration of the Ocean Floor

# Mid Atlantic Ridge

- Use the next 3 slides to make at least 3 observations about the Mid-Atlantic Ridge. Look at all 3 BEFORE you make notes (top box on page 35)

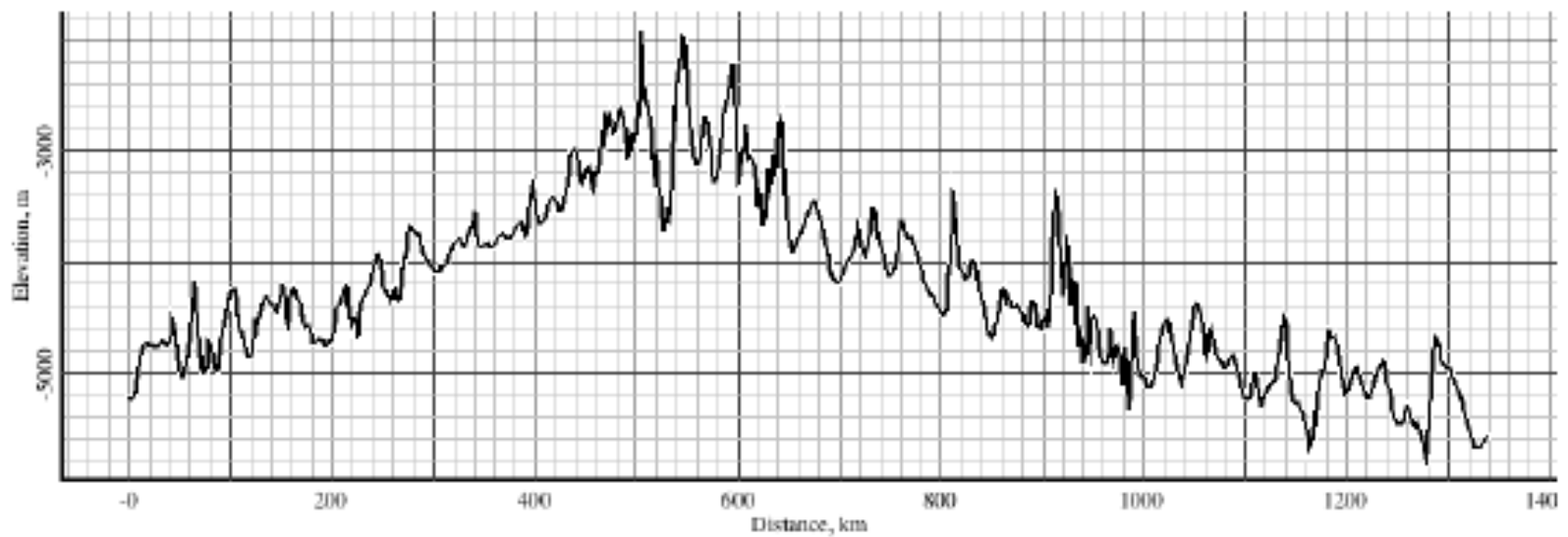
# Mid-Atlantic Ridge Map

Mid-Atlantic Ridge 27N Map



# Mid-Atlantic Ridge Profile

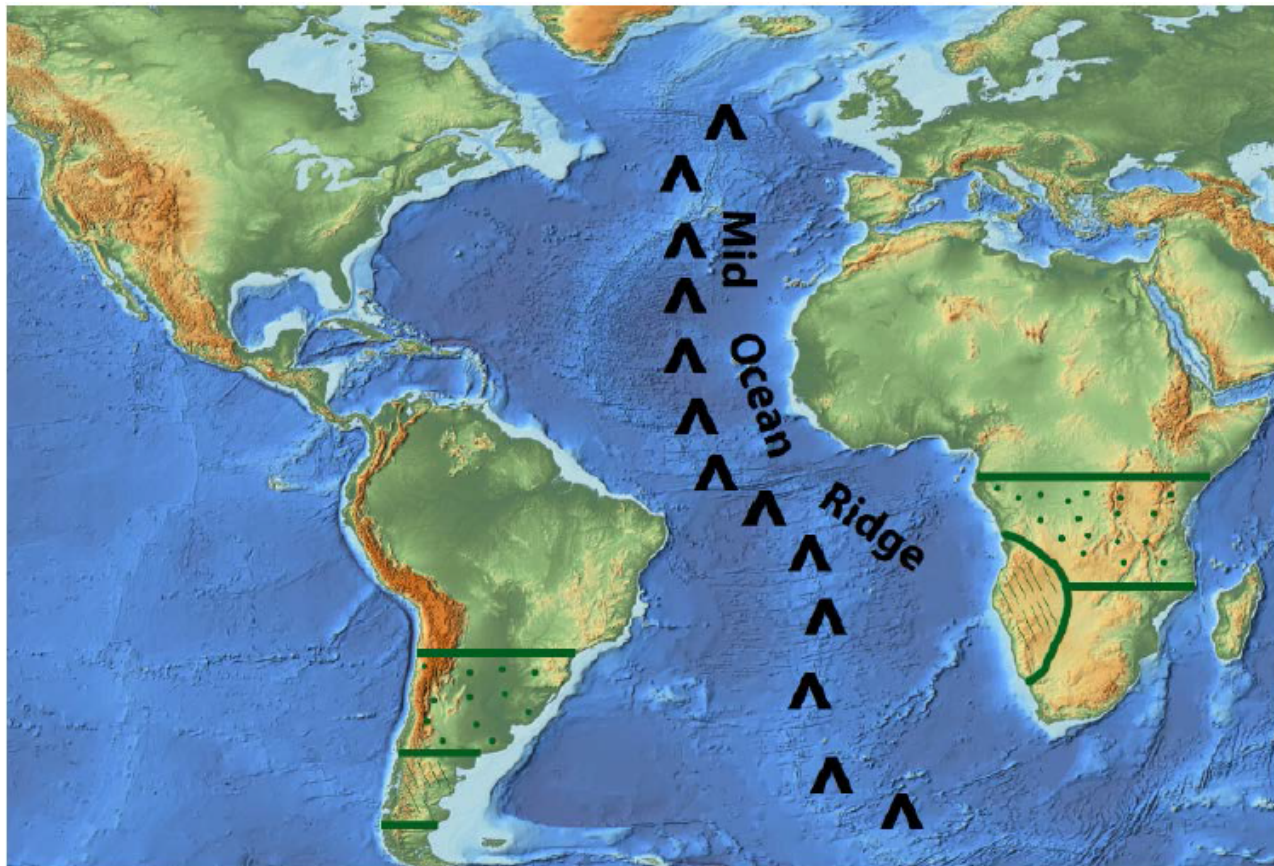
Mid-Atlantic Ridge 27N Profile





# Mid-Ocean Ridge

- Add symbols and make notes in top box p. 35 and on world map on page 11.

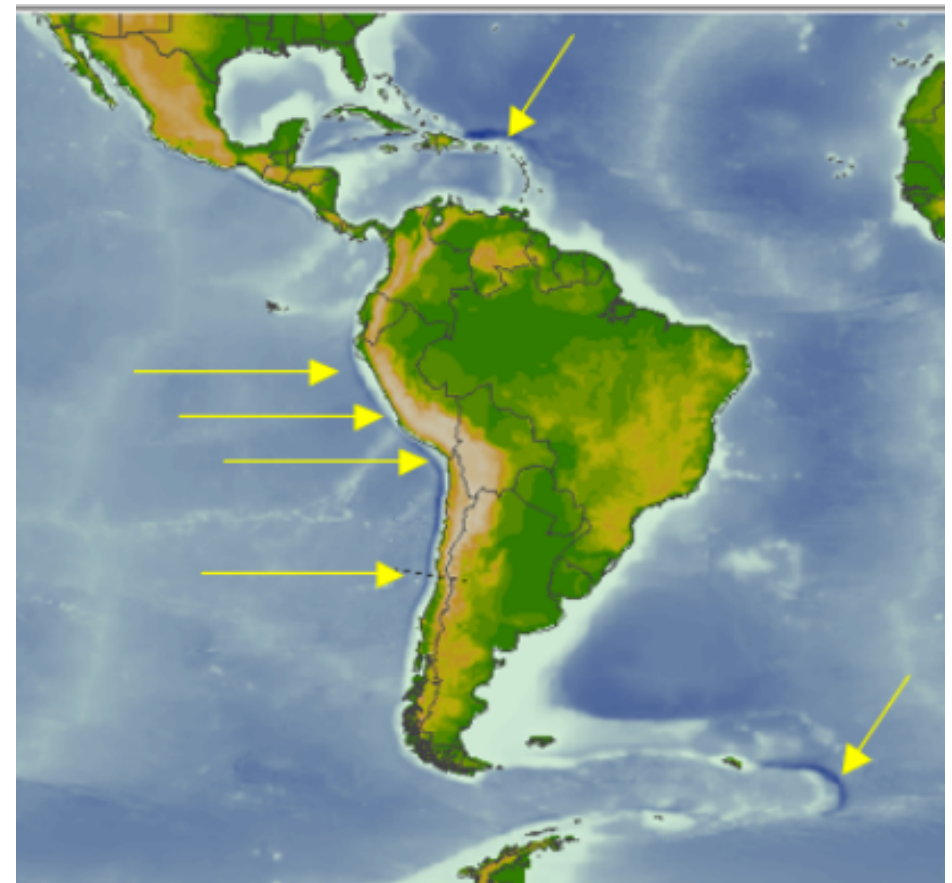
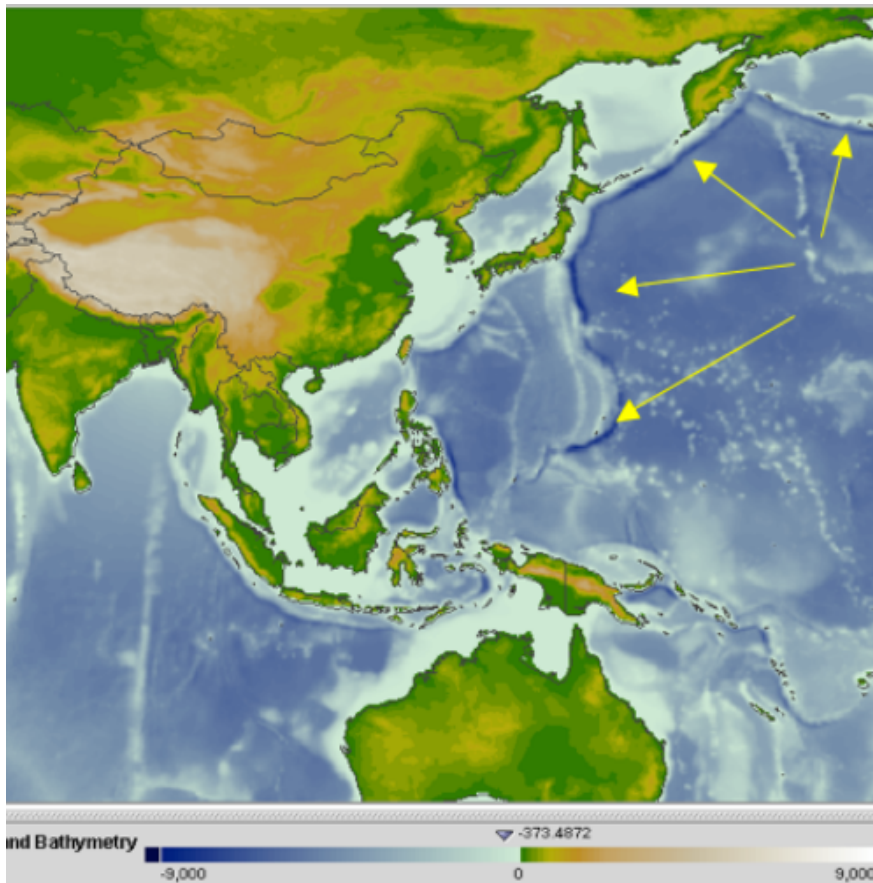


# Marianis and Peru Chilean Trench

- Use the next 3 slides to make at least 4 observations about the ocean trenches (middle box on page 35)

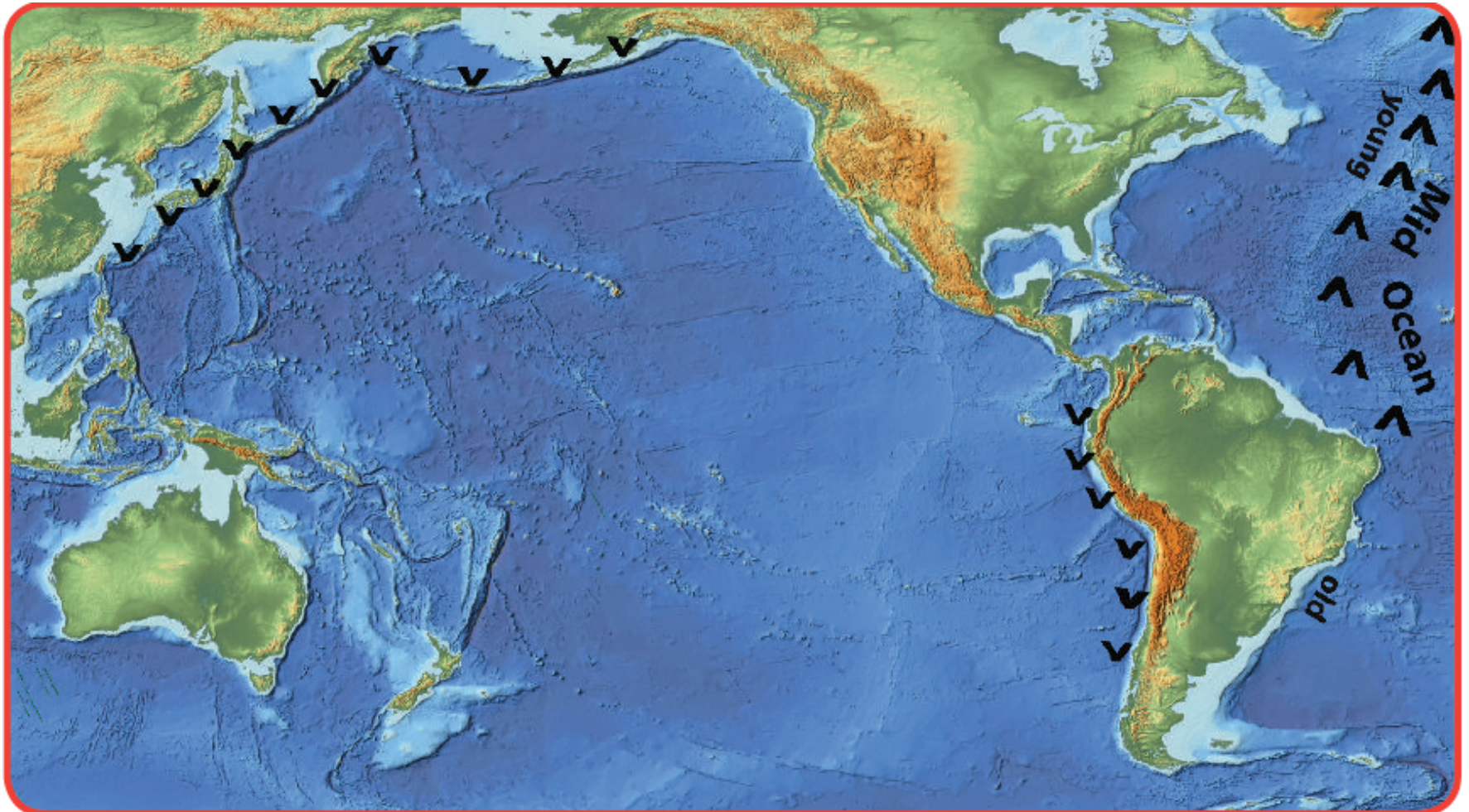
# Trenches on the Ocean Floor

- Why do you think trenches are only in certain spots on earth?
- How can you explain how the trenches might form on the ocean floor?





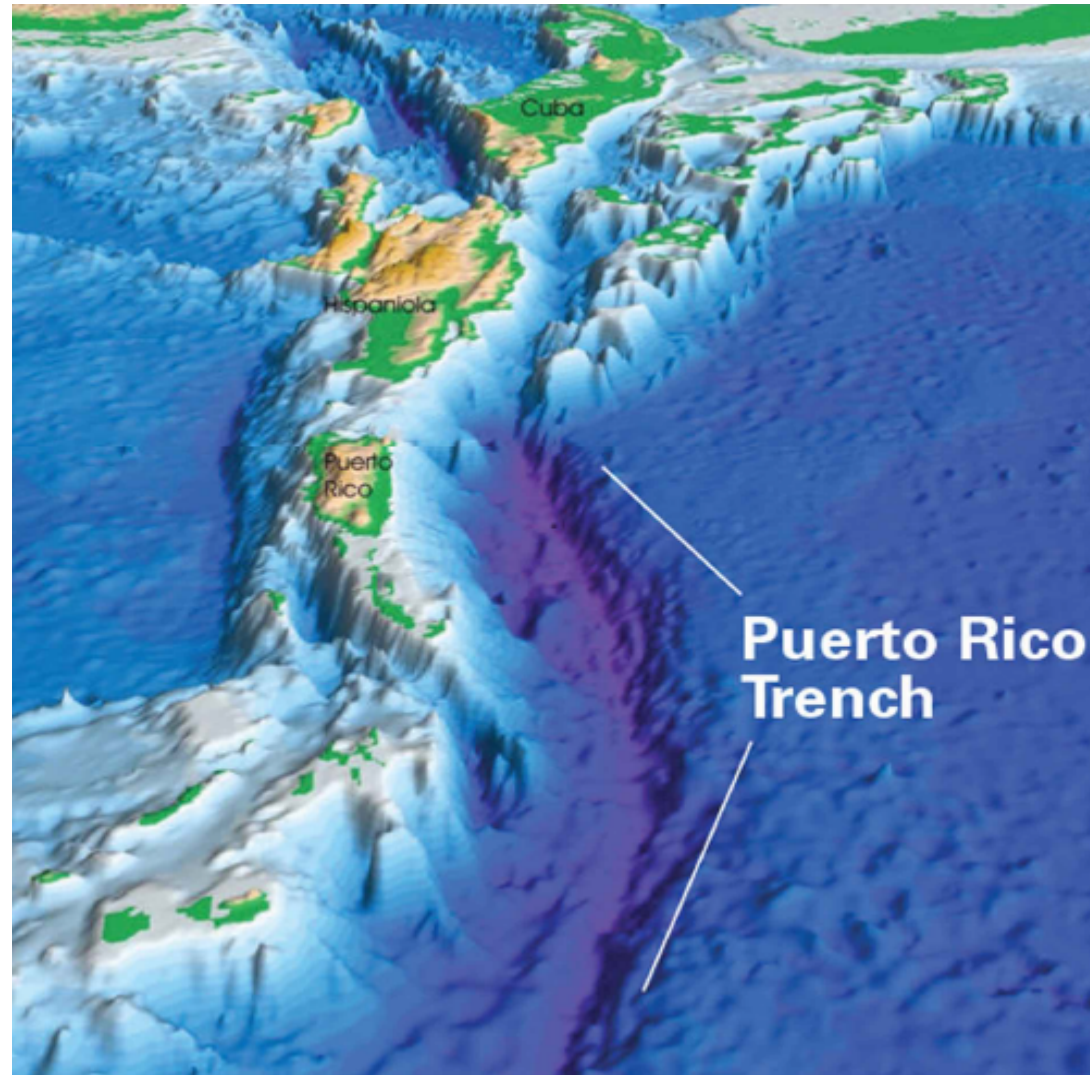
Add labels to map on p. 11





# Trenches on the Ocean Floor

- Imagine you were walking into an ocean trench? What would it look like?



# Age of Ocean Floor

- Use the next slide to make at least 3 observations about the age of the ocean floor. (bottom box on page 35). Specifically:
- What color indicates old rock? What color indicates newer rock?
- What do you notice about the age at the mid ocean ridges?
- What do you notice about the age at the trenches?

# Ocean Floor Age

- Add labels *young* and *old* on the bottom picture and fill in notes.

