

# Chapter 1 Review

- Why study marine biology?
- Who were the following and what did they do?
 

• Cook	• Thompson	• Magellan
• Ballard	• Aristotle	• Forbes
• Darwin	• Eriksson	• Wilkes
- What is zonation?
- Who discovered North America?
- What was the importance of the Challenger expedition?
- Name the modern tools that have improved marine biology? How have they done this?
- Why do scientists refer to the oceans as one “World Ocean”?
- Give 4 reasons why we should study marine biology.
- What is sonar? How does it work?
- What is an ROV? Why were ROV’s developed?
- What percent of the earth is covered by water?
- Where was the first Marine Biological Laboratory established?
- Where in the United States was the first Marine Biological Laboratory (different than question 12)?
- What is the scientific method? How do you use it?
- What are variable? Control?
- What is the difference between Deduction vs. Induction?
- You will need to graph some data.

## Analyzing Data

### Mouse Experiment

An experiment studies the effects of an experimental drug on the number of offspring a mother mouse has. 10 female mice are given the drug and then impregnated. The number of mice in their litters is compared to the litters of mice that did not take the drug.



Number of Babies in Litter										
Group A (drug)	5	6	4	8	5	2	7	13	12	8
Group B (control)	4	4	6	6	5	6	4	7	5	3

Based on the data, what would you conclude about the drug, did it work?