

Name: Kister - Key

Marine Science

Date: _____

Period: _____

Unit 1: Scientific Method, Fish Depletion, SCUBA, Barotraumas, and Scientific Exploration Test Review

observation - use senses

Inference - use clues to form a conclusion.

1. Briefly describe the scientific method?
A method to solve problems. Needs to be repeated for accuracy.
2. Define control and briefly describe its importance in an experiment.
Part of the experiment that stays the same - it is used as a reference.
3. Define barotraumas.
Water pressure illness.
4. What are the bends and how does it occur?
When you ascend too quickly (Go ↑)
5. What is nitrogen narcosis?
When you go below 30 meters. Diver appears drunk. To avoid, helium is added to tank.
6. How do air embolisms occur?
When air gets into blood. Can cause a stroke or heart attack.
7. What does SCUBA stand for?
Self Contained Underwater Breathing Apparatus.
8. Can humans explore deep sea wrecks like the Titanic in SCUBA gear? Explain.
No, it's too deep. Too much pressure.
9. What were some of the early flaws in Jacques Cousteau's aqualung design?
He used pure oxygen
10. Briefly describe the Gulf Stream, and who discovered it.
Benjamin Franklin. It's a river like current going up North America across America.
11. Know the importance of the following individuals and their contributions to oceanography and marine biology.
 - a. Benjamin Franklin: Discovered the Gulf Stream
 - b. Charles Darwin: ^{? spelling} Tortoise and Marine Iguana
 - c. Charles Thompson: Father of oceanography