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

**Unit 4: Marine Web Research**

Visit the website below for help to answer questions 1-4: <http://water.epa.gov/type/oceb/nep/index.cfm>

1. What is an estuary? Where is the fresh water coming from? Where is the salt water coming from?
2. Why are Estuaries important?
3. What is the National Estuary Program?

Visit <http://ocean.nationalgeographic.com/ocean/take-action/marine-protected-areas/> to answer questions 4-5.

1. Scroll over the United States. How many Marine Protected Areas are there in the United States?
2. Under the map is a section called Safe from Harm? Summarize this paragraph.

Visit the following website to answer questions 6-8: <http://oceanservice.noaa.gov/education/kits/estuaries/media/supp_estuar06b_mangrove.html>

1. What are mangrove forests?
2. What are two ecosystem services that mangrove forests provide?
3. Name 5 fish/animal species that live in mangrove forests.

Visit the following website to answer questions 9-11:

<http://ocean.nationalgeographic.com/ocean/critical-issues-ocean-acidification/?source=A-to-Z>

1. What is carbonic acid? How is it formed? How is it affecting oceans?
2. How much CO2 does the ocean store?
3. What will happen if the ocean hits its CO2 carrying capacity?