Guided Notes on Seafloor Spreading

1) Until the mid-1900's, what were the opinions of most scientists about the topography and age of the ocean floor?

2) Which technology allowed scientists to map the ocean floor? Describe how this process works.

3) Which two major features of the ocean floor were discovered as a result of echo-sounding technology?

4) Construct a concept map that describes the 2 major discoveries made by collecting samples of seafloor rocks and also write the questions brought about by these discoveries.
5) Describe in detail Hess’ theory of seafloor spreading.

6) How is seafloor spreading the “missing link” in plate tectonics?