Evolution Reading Check Worksheet (Use your notes and chapter 13 of text)

1. In your own words define the following:
2. Evolution
3. Natural Selection
4. Fitness
5. Common Descent
6. How did Charles Darwin’s voyage on the Beagle influence his thoughts about life on Earth?
7. How is the diversity of life related to evolution?
8. How is adaptation related to fitness?
9. Circle the letter of each observation that Darwin made.

**a.** An enormous number of species inhabit Earth.

**b.** Many organisms seem to be poorly suited to their environment.

**c.** The same sorts of animals are always found in the same ecosystems in different parts of the world.

**d.** Some species that lived in the past no longer live on Earth.

Read 13-2

1. The preserved remains of ancient organisms are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .
2. As Darwin studied fossils, what new questions arose?
3. What was James Hutton’s contribution to theories of the age of Earth?
4. How did Charles Lyell influence Darwin’s thinking? (p272, 293)
5. Describe economist Thomas Malthus’s ideas (p295) and how it influenced Darwin.