

CHAPTER 20 ORGANIZING LIFE**Section 20.1 Classification****Read the Sentences**

Read the following.

Biologists compare living things to decide how to group them. The sentences in the boxes below describe the ways biologists compare living things.

A. Biologists compare present-day living things with fossils to find out if they have a common ancestor.

B. Biologists compare the way living things develop from young forms into adult forms.

C. Biologists compare the cells and chemistry of living things.

D. Biologists compare the behaviors of living things.

Read the following examples. Decide which example goes best with the sentences in the boxes. Then write the letter of the sentence on the line before the example.

- _____ 1. Biologists put guinea pigs and rodents in different groups because they have different DNA.
- _____ 2. Biologists put two frogs that look the same in different groups. The frogs have different mating behaviors.
- _____ 3. Biologists group bobcats and lynx together. The bones of these animals look like the fossil bones of ancient cats.
- _____ 4. Biologists put two adult animals that look the same in different groups. The animals did not look like each other when they were young.