For each of the following examples, indicated whether the statement is an example of evolution or not and *explain* your reasoning.

1. A giant underwater sea slug consumes algae from the water. Algae DNA gets incorporated into skin cells in the slug, giving the snail cells the ability to photosynthesize. Has this snail evolved?
2. Present day sloths are a smaller version of the now extinct ancient sloths. Have sloths evolved?
3. True or false: humans are more evolved than sea sponges.
4. The house mouse has acquired resistance to anti-rodent toxins. Through human travel, the house mouse met and mated with the Algerian mouse, a separate though related species found on the Mediterranean coast. The resulting hybrid species is now resistant to the poison. Has the house mouse evolved?
5. You have a horrible case of strep throat. You take ½ of your antibiotic prescription until you feel better and then quit taking the prescription. After a week or so, your symptoms come back. Now when you resume taking the antibiotic, it no longer works. Have the bacteria in your infection evolved?