Year 8 Science: Darwin, Wallace, new species and common ancestry

Name: _____ Date: _____

Try these without your notes first, then check the answer key.

Practice

1. Why was it important that Wallace reached the same idea as Darwin?

2. A rabbit population lives where winter snow now lasts longer. Rabbits with whiter fur are seen less by hawks. What happens to the population over many generations?

3. Can a single rabbit evolve whiter fur? Explain.

4. Kea and kākā look alike but cannot interbreed. What does this tell you about where they came from?

5. A fossil has broad, flat, ridged teeth and was found among fossil leaves. What did it probably eat?

Fix the mistake

6. Correct this statement: "The moths turned dark so they could hide on sooty trees."

7. Correct this statement: "Humans evolved from chimpanzees."

8. Correct this statement: "Darwin came up with natural selection completely on his own."

9. Correct this statement: "Evolution happens to an animal during its lifetime."