Year 8 Science: Evidence for evolution, variation and natural selection

Name: _____ Date: _____

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

Practice

1. Give two kinds of evidence that species change over time.

2. Is a tattoo heritable variation? Explain.

3. In a dry year, only finches with thick, strong beaks can crack the remaining hard seeds. What is the selection pressure?

4. In Room 7's activity, what would you expect if the toothpicks were scattered on red carpet instead?

5. Give one way habitat destruction can cause extinction.

Fix the mistake

6. Correct this statement: "A theory in science is just a hunch."

7. Correct this statement: "A giraffe that stretches its neck will have longer-necked babies."

8. Correct this statement: "Animals choose to change so they can survive a new environment."

9. Correct this statement: "The strongest individual always survives natural selection."