Year 6 Science: Chemical change: new substances and the signs to look for

Name: _____ Date: _____

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

Practice

1. Is melting butter for a cake a chemical change or a physical change?

2. A steel nail left outside turns orange and flaky. What clue is this, and what kind of change is it?

3. In the reaction wood + oxygen → ash + smoke + carbon dioxide, what are the reactants?

4. Why can a cake never be turned back into batter?

5. Name a chemical change that happens inside your own body.

Fix the mistake

6. Correct this statement: "Ice melting is a chemical change because it looks different."

7. Correct this statement: "Any bubbles mean a chemical change."

8. Correct this statement: "The products are the things you mix together at the start."

9. Correct this statement: "Salt dissolving in water makes a new substance, because the salt disappears."