Skill Practice 81

Name: ______________________________

Date: __________________

Hour: _____

1. The substance in a redox reaction that accepts electrons.
2. The gain of electrons.
3. A chemical change that occurs when electrons are transferred from one atom to another.
4. The substance in a redox reaction that loses electrons.
5. The gain of oxygen.
6. The loss of electrons.
7. For many substances, this equals the charge.

8. Assign oxidation numbers to each atom in the following reactions (No need to balance the reactions):
   a) 2 Ca + O₂ → 2 CaO
   b) Li₂O + N₂ → Li₃N + O₂
   c) HNO₂ → H₂ + NO₂

9. Identify the oxidizing agent in the reactions in parts a and b from question 8.
   a) ________________  b) ________________

10. Is the following reaction a redox reaction? Explain. NaCl + AgNO₃ → NaNO₃ + AgCl