

Chemistry

Chapter 20 Worksheet 1

Name _____

1. What is an atom? Give two examples.

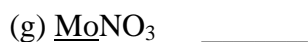
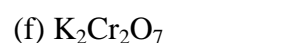
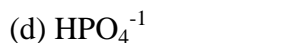
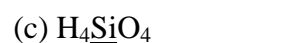
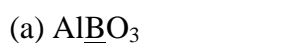
2. What is an ion? Give two examples.

3. What is a compound? Give two examples.

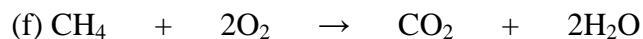
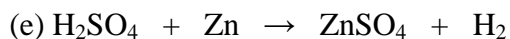
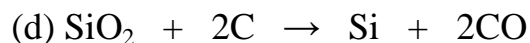
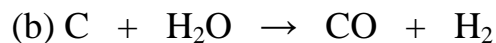
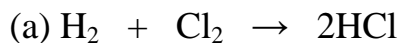
4. Define oxidation number (or oxidation state).

5. Define oxidation and reduction in terms of loss or gain of electrons.

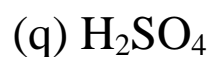
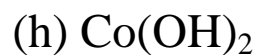
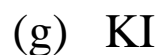
6. To the right of each chemical formula, write the oxidation number of the underlined element.



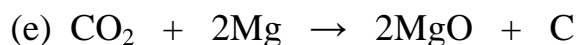
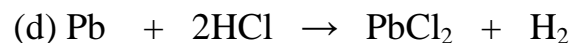
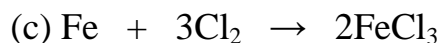
7. Circle the substance that is oxidized in the following chemical reactions.



8. Write the oxidation number of each element in the following compounds and ions.



9. Circle the substance that is being oxidized in the following chemical reactions.



10. Circle the substance that is being reduced in the following chemical reactions.

