

YEAR 13 CHEMISTRY STAY HOME WORKSHEET 3 -2021

1. Use the words in the box on left to fill in the blanks. Recall your lessons and fill risks of each hazard.

- Health Hazard
- Environmentally damaging
- Toxic
- Corrosive
- Irritant
- Compressed gas
- Oxidising
- Flammable



Name: \_\_\_\_\_

Risks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



Name: \_\_\_\_\_

Risks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



Name: \_\_\_\_\_

Risks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



Name: \_\_\_\_\_

Risks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



Name: \_\_\_\_\_

Risks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



Name: \_\_\_\_\_

Risks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



Name: \_\_\_\_\_

Risks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



Name: \_\_\_\_\_

Risks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

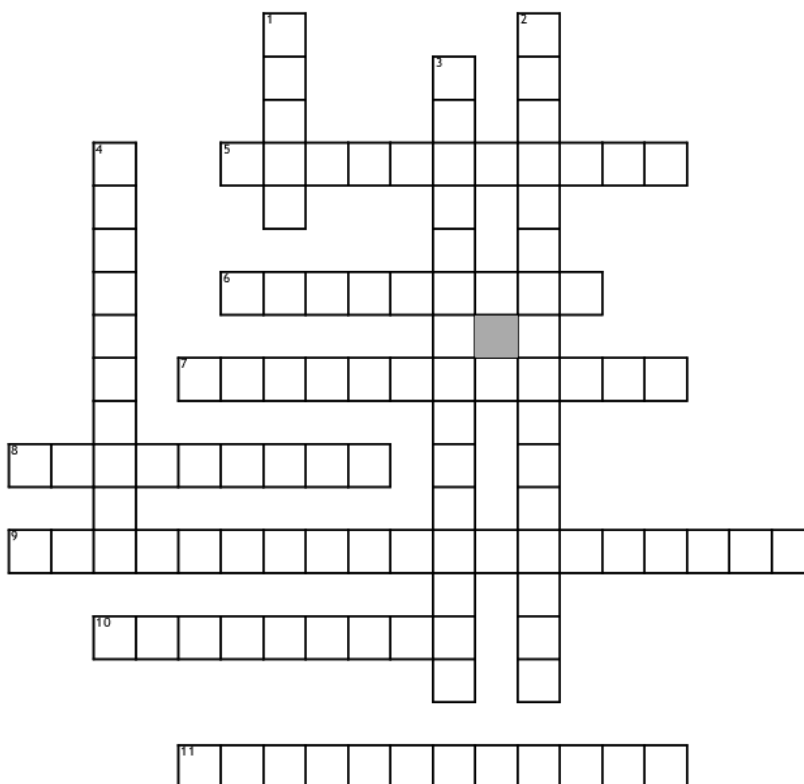


Name: \_\_\_\_\_

Risks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

2. Use the word bank at the bottom of this page for the word puzzle on REDOX. You may be required to do a little research.

## Oxidation-Reduction Vocab



### Across

5. Electrochemical cell in which a spontaneous chemical reaction causes a flow of electrons.  
 6. Loss of electrons and an increase in \_\_\_\_\_ state.  
 7. Process in which an electric current forces a nonspontaneous reaction to occur.  
 8. Gain of electrons and the loss of oxidation number.  
 9. System in which there's an electric current flowing while a chemical of ions. reaction occurs.  
 10. Site at which oxidation or reduction; an anode or cathode.  
 11. Reaction that shows either the oxidation or reduction portion of a redox reaction.

### Down

1. An oxidation-reduction reaction.  
 2. Cell that requires a nonspontaneous chemical reaction to occur (uses battery).  
 3. Number assigned to keep track of electron gain or loss in redox reactions.  
 4. Part of a voltaic cell that connects two containers and allows flow

### Word Bank

half-reaction  
 electrolytic cell  
 electrode

electrochemical cell  
 oxidation  
 oxidation number

salt bridge  
 redox  
 reduction

electrolysis  
 voltaic cell