



Welding

Flexible Instruction Day

Assignment #1

Chapter 1: The SMAW Process

Learning Standard	Standard CC.3.5.9-10.A. Cite specific textual evidence, etc....
Task # & Description	Review the information and complete the activity Follow written instructions to complete work assignments and rules.

CONTACT INFORMATION/ASSISTANCE

Instructor Name: George Petronelis, Jacob Hughes

We will be available by email 7:40-12, and 12:30-3:10 to answer your questions. Please reach out if you are having difficulty completing your assignments.

Mr. Petronelis: petronelisg@butlertec.us 724-282-0735 Ext. 233

Mr. Hughes: hughesj@butlertec.us 724-282-0735 Ext. 224

INSTRUCTIONS

- All work is due on the day we return to school. This is counted towards your attendance **and** as a classroom assignment.
- Read the information
- Complete the attached assignment

Name: _____

Session: _____

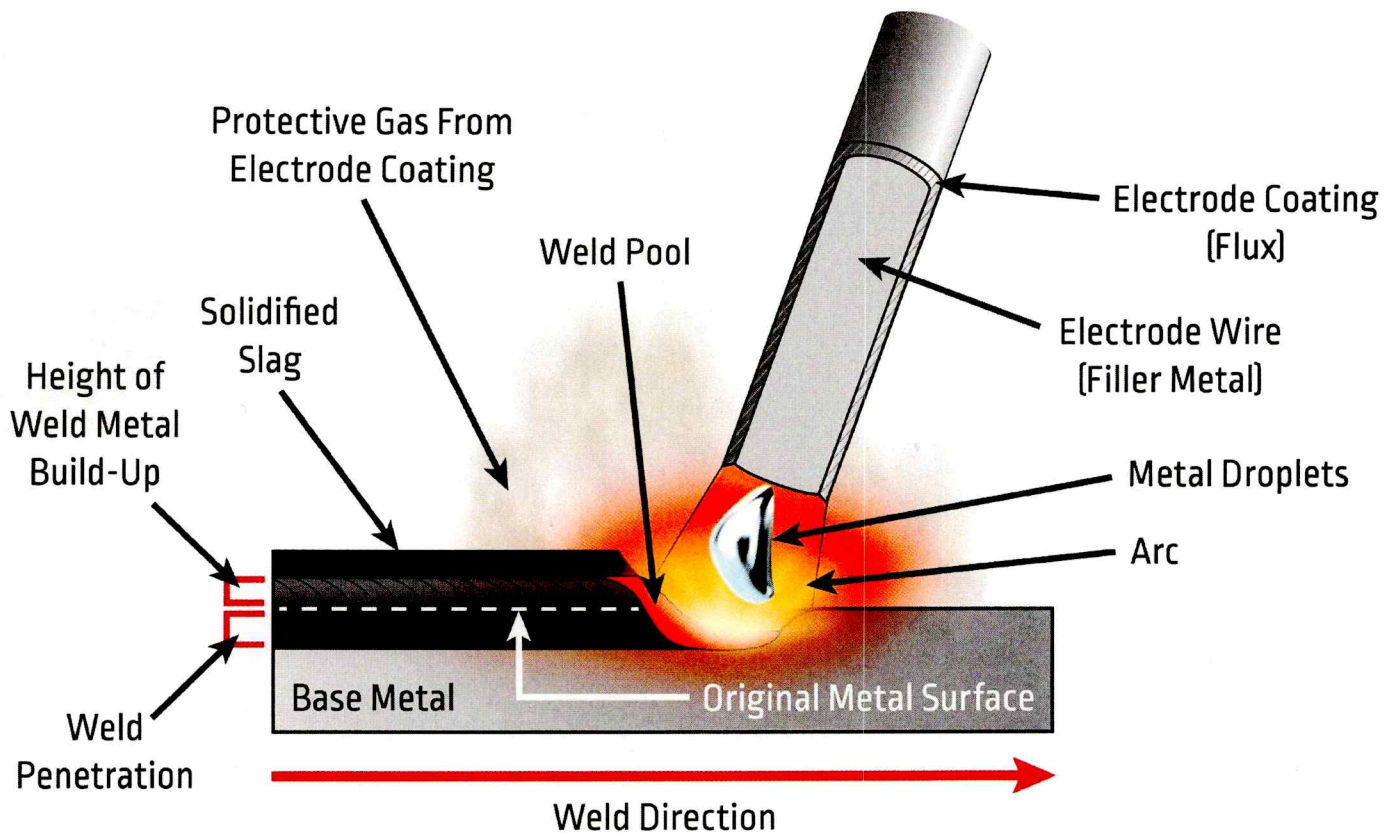
_____/____ points

The SMAW Process

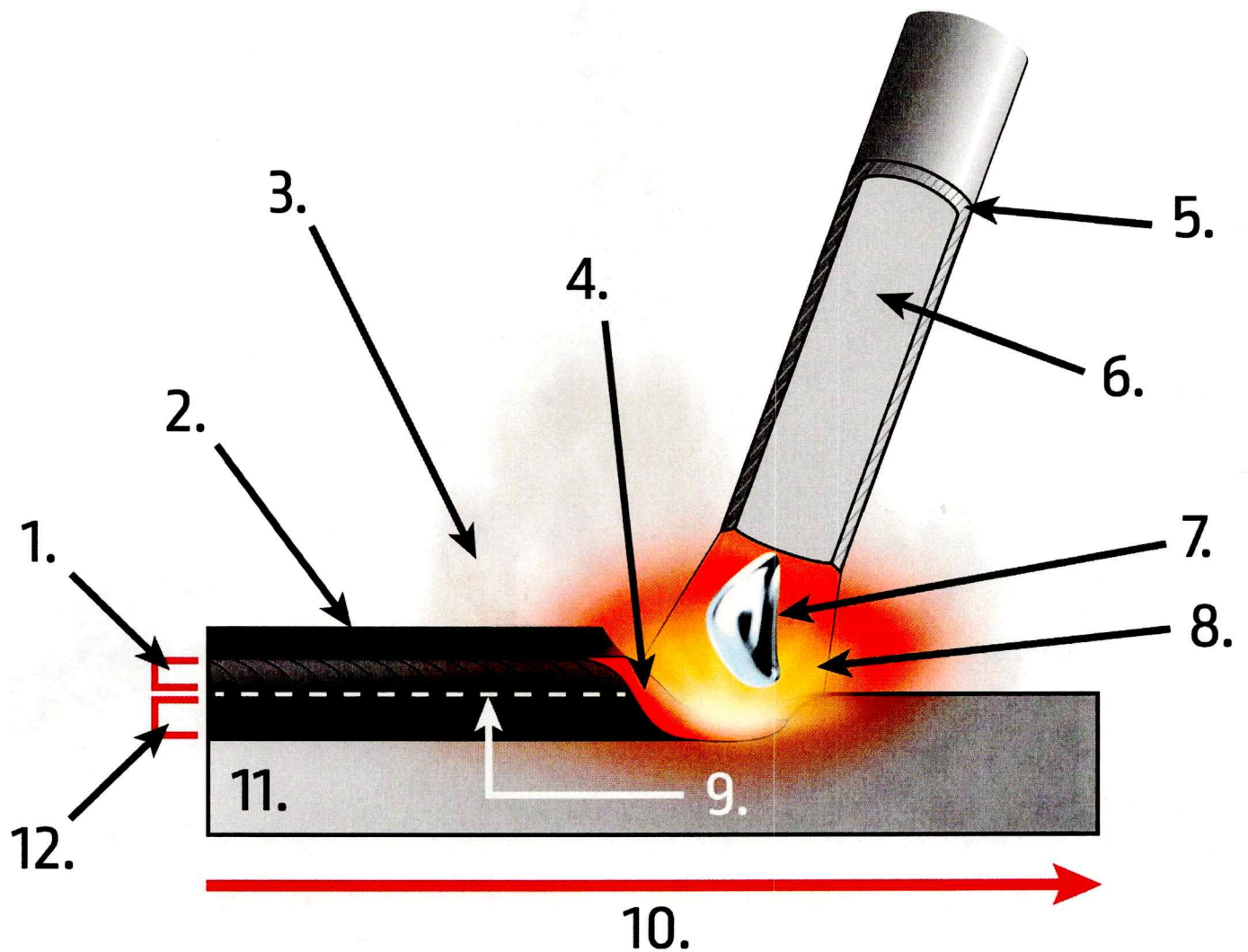


Name: _____ Date: _____

Directions: Review the information below, and then complete the activity on the next page.



Directions: Fill the blank with the element of the SMAW process that corresponds to that number.



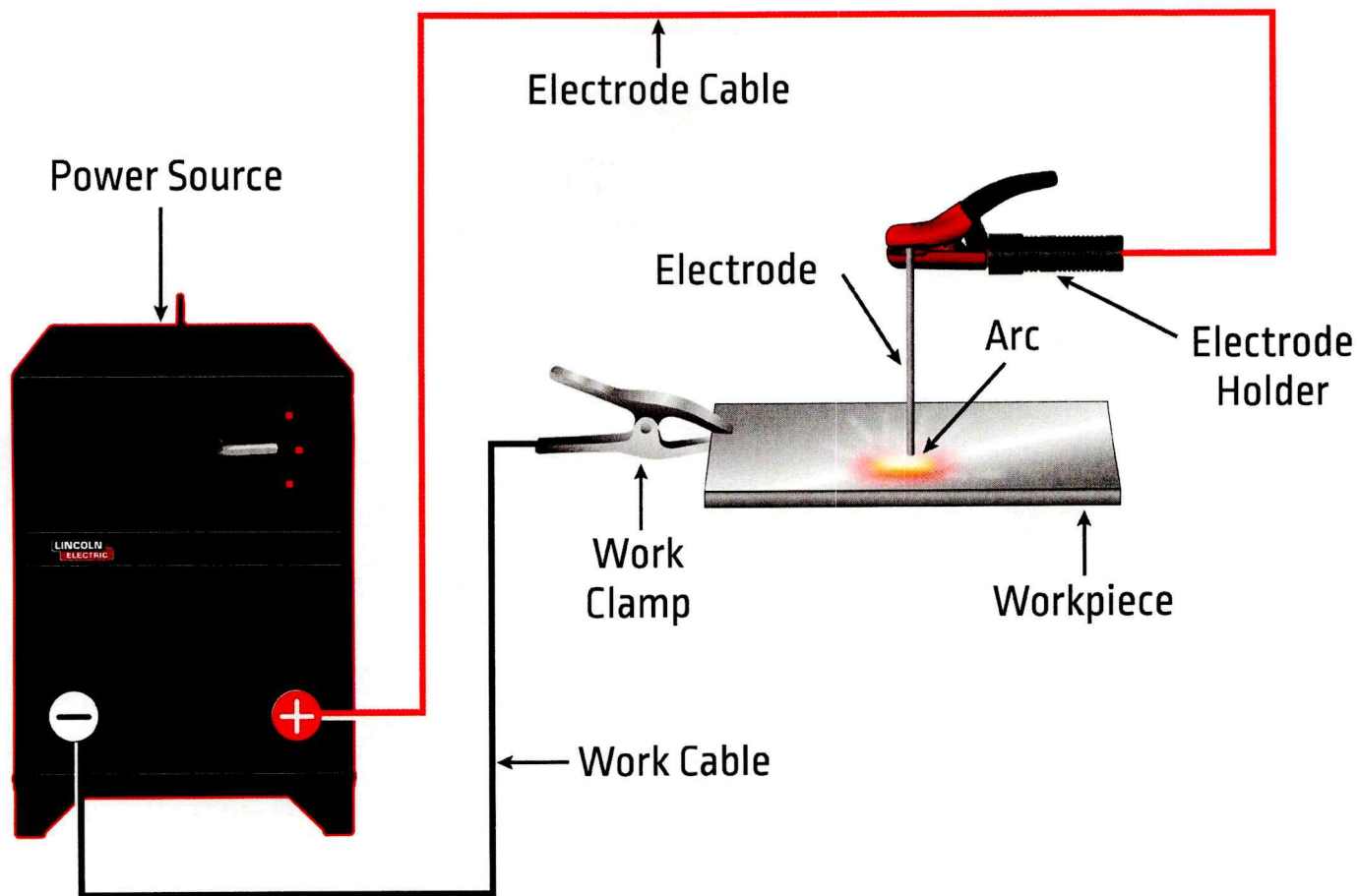
- | | |
|----------|-----------|
| 1. _____ | 7. _____ |
| 2. _____ | 8. _____ |
| 3. _____ | 9. _____ |
| 4. _____ | 10. _____ |
| 5. _____ | 11. _____ |
| 6. _____ | 12. _____ |

The SMAW Circuit

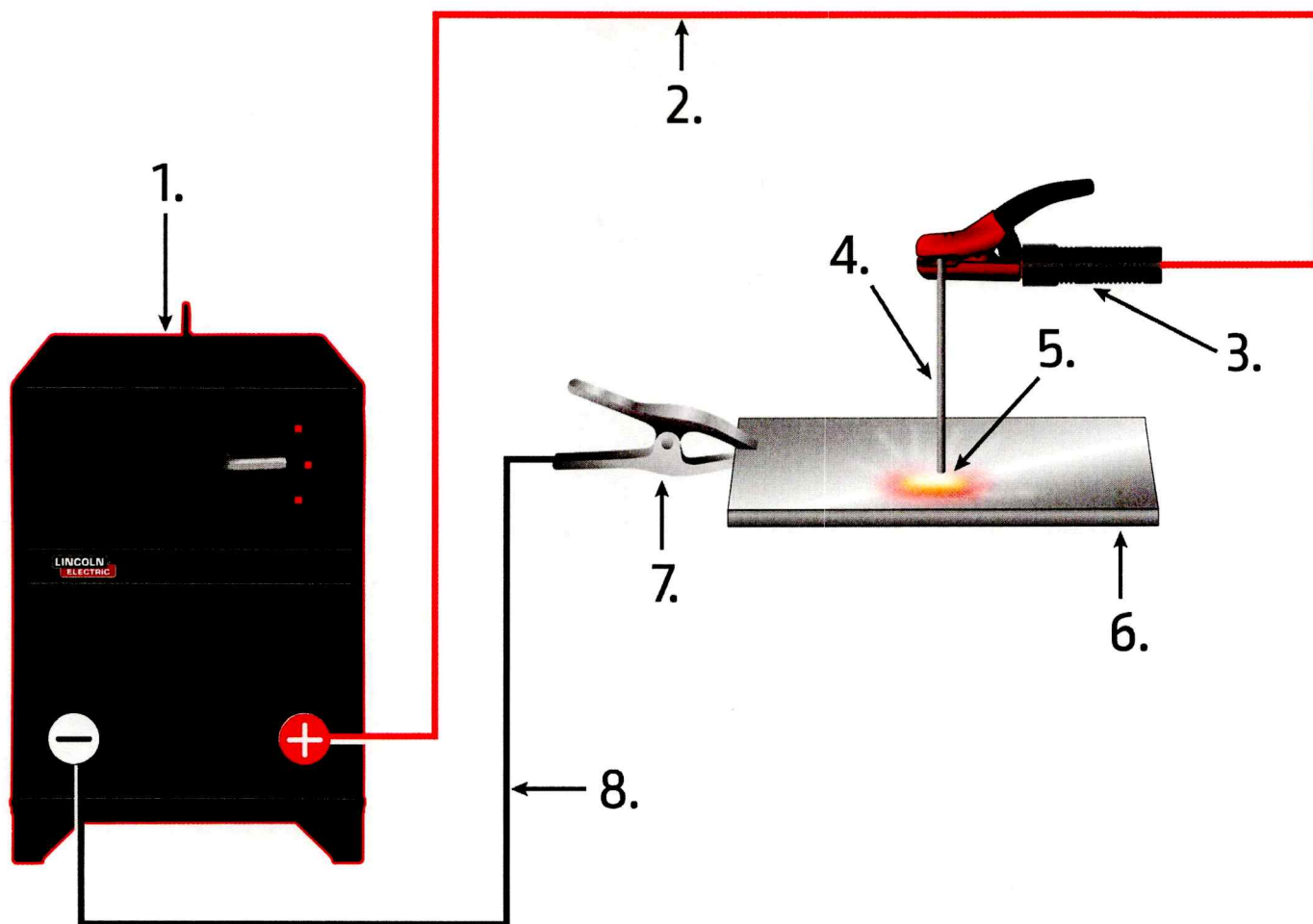
2

Name: _____ Date: _____

Directions: Review the information below, and then complete the activity on the next page.



Directions: Fill in each blank with the name of the component in the SMAW circuit that corresponds to that number.



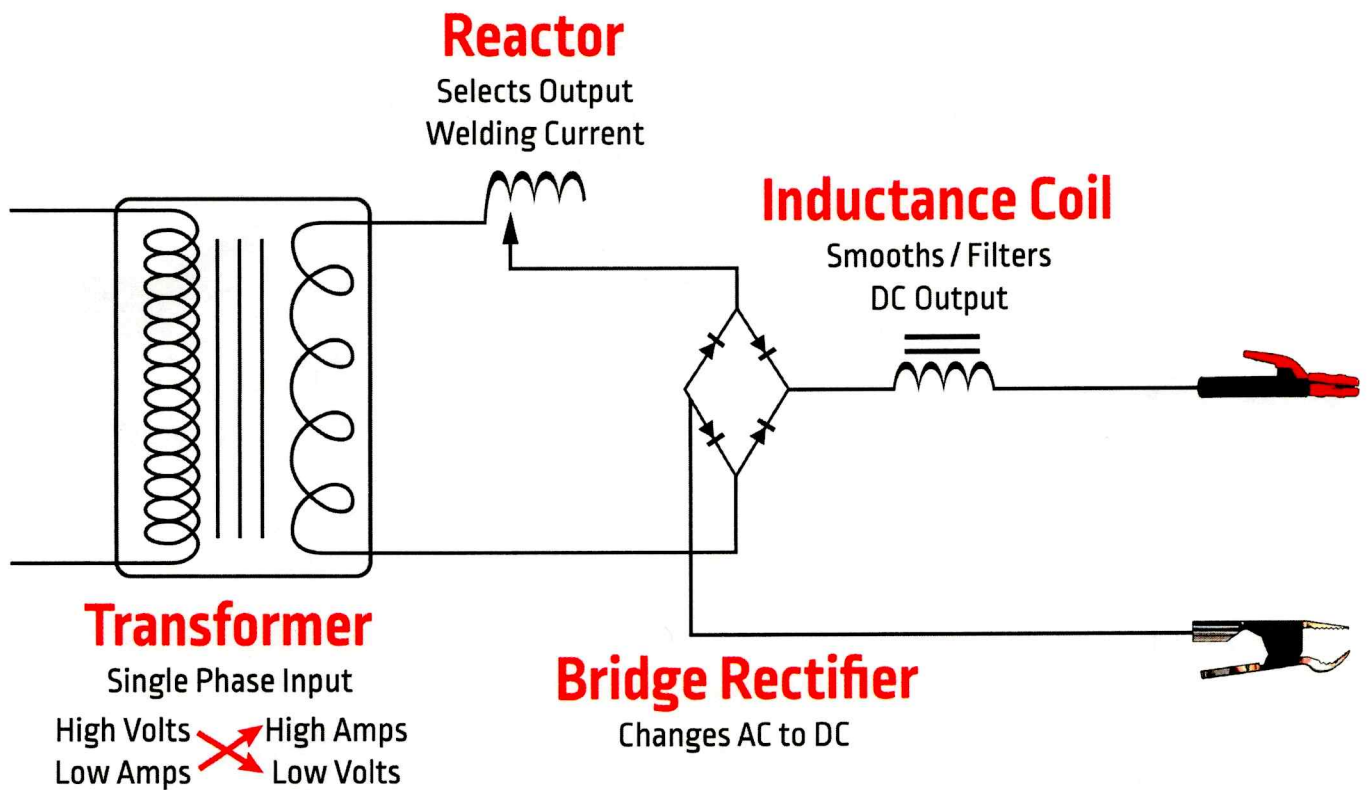
- | | |
|----------|----------|
| 1. _____ | 5. _____ |
| 2. _____ | 6. _____ |
| 3. _____ | 7. _____ |
| 4. _____ | 8. _____ |

Parts of a Transformer

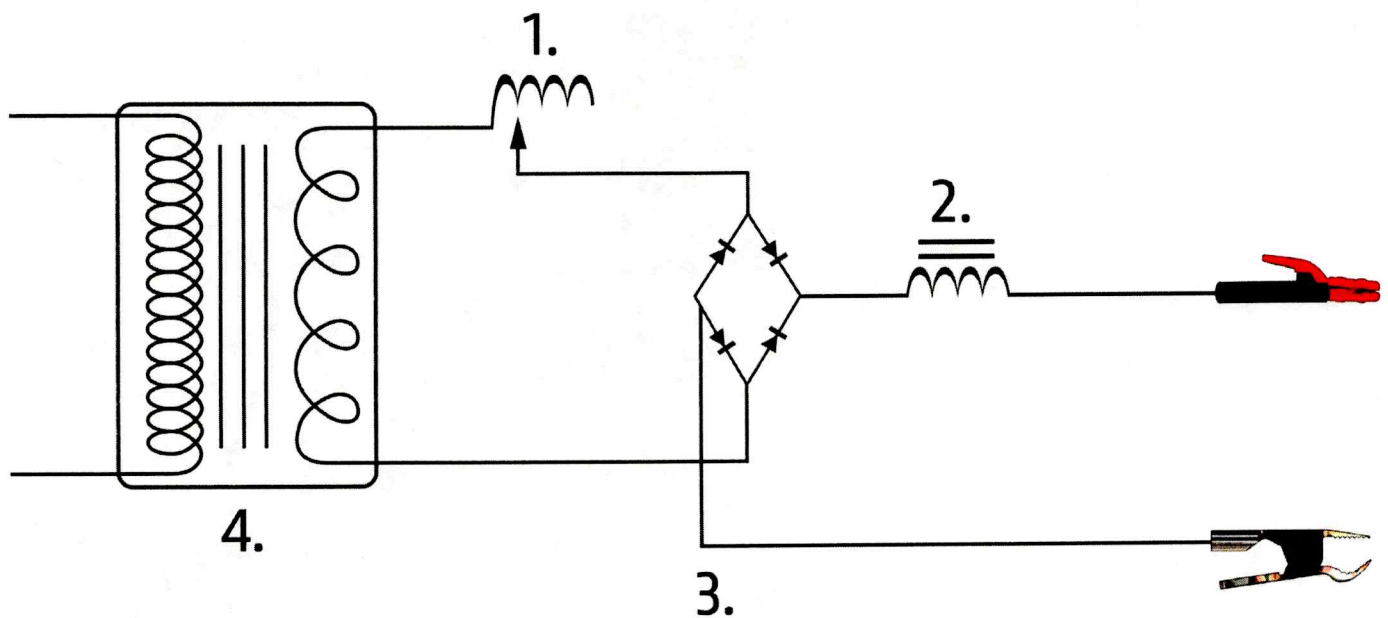


Name: _____ Date: _____

Directions: Review the information below, and then complete the activity on the next page.



Directions: Label the part with its name, and then explain the part's function.



1. Name: _____

Function: _____

2. Name: _____

Function: _____

3. Name: _____

Function: _____

4. Name: _____

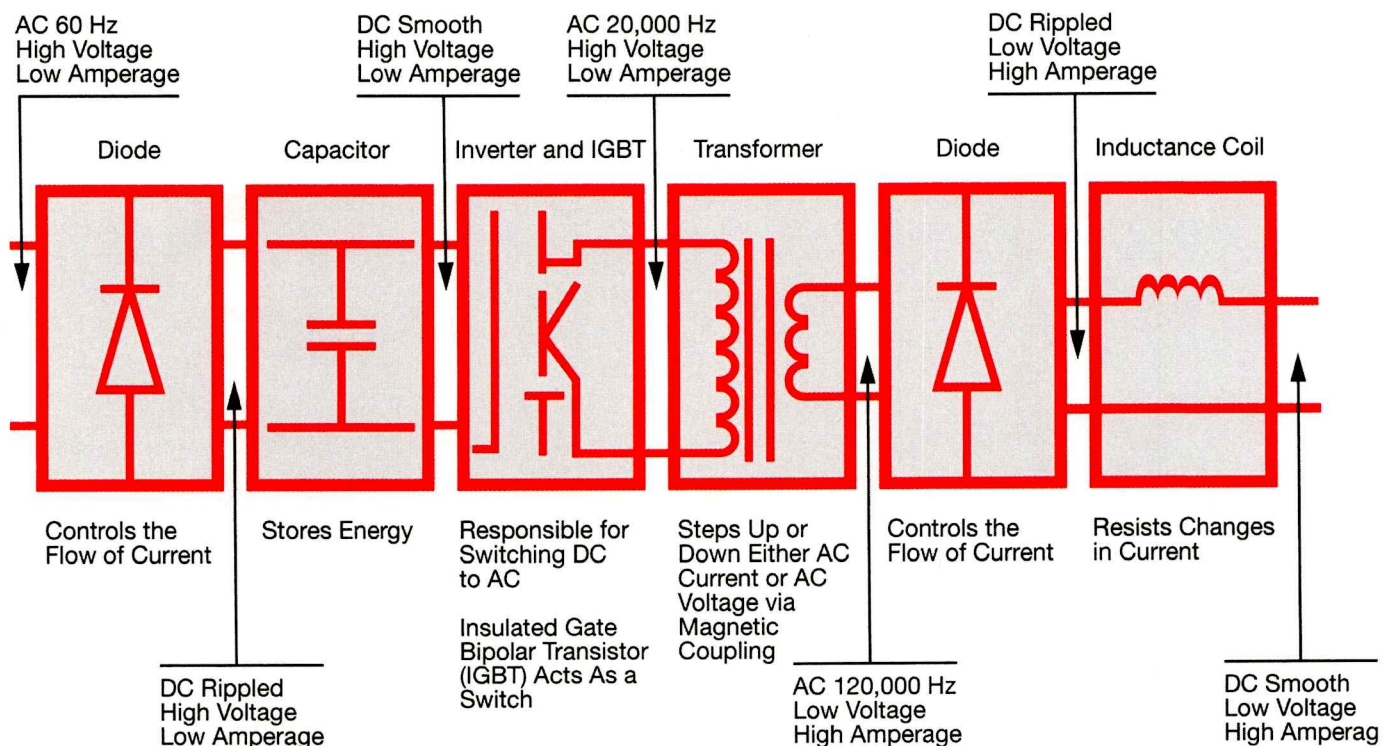
Function: _____

Parts of an Inverter

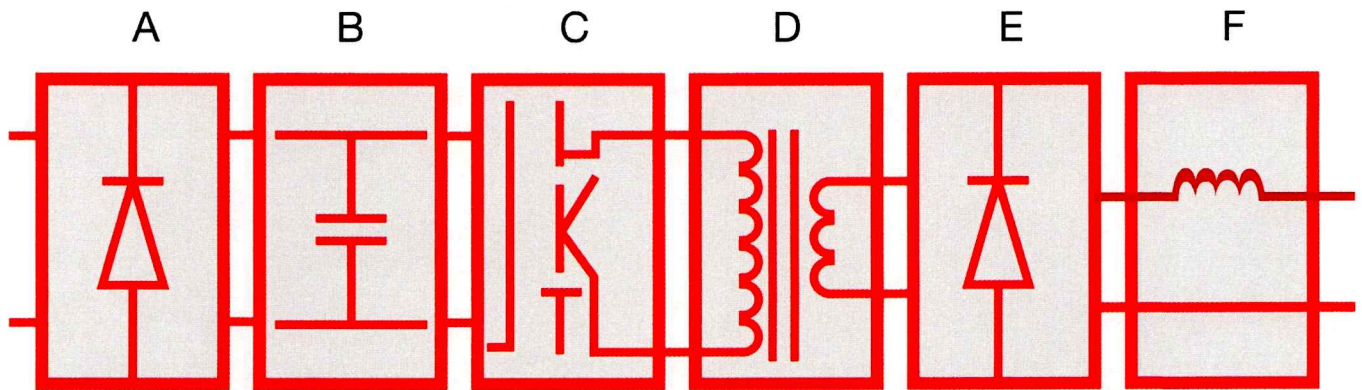


Name: _____ Date: _____

Directions: Review the information below, and then complete the activity on the next page.



Directions: Label each component, and then explain its function.



A. Name: _____

Function: _____

B. Name: _____

Function: _____

C. Name: _____

Function: _____

D. Name: _____

Function: _____

E. Name: _____

Function: _____

F. Name: _____

Function: _____