Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## Unit 1 - Technological Systems: How They Work

###### Pretest

Directions: Place the letter of the best answer in the box to the left of statement.

|  |  |
| --- | --- |
| 1. | The development of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a human activity and is the result of individual or collective needs and the ability to be creative. commerce1. mathematics
2. science
3. technology
 |
| 2. | When parts of a system are\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, the system may not work properly.1. maintained
2. enlarged

missing or malfunctioning1. analyzed
 |
| 3. | **The essence of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is comparing information about what is happening with what people want to happen and then making appropriate adjustments.**1. inspection
2. design
3. creativity
4. **control**
 |
| 4. | Engineers use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_to express ideas precisely.1. scientific instruments
2. the language of mathematics
3. the design process
4. computers
 |
| 5. | A/an \_\_\_\_\_\_\_\_\_\_\_is a group of interrelated components that collectively achieve a desired result.1. machine
2. input
3. resource
4. system
 |