

Name \_\_\_\_\_  
Date \_\_\_\_\_ Per. \_\_\_\_\_

## The Science of Observation

Write the definition for each of the following terms:

Science: \_\_\_\_\_  
\_\_\_\_\_

Scientist: \_\_\_\_\_  
\_\_\_\_\_

Observation: \_\_\_\_\_  
\_\_\_\_\_

Quantitative Observation (QN): \_\_\_\_\_  
\_\_\_\_\_

Qualitative Observation (QL): \_\_\_\_\_  
\_\_\_\_\_

Properties: \_\_\_\_\_  
\_\_\_\_\_

**Burning Candle:** Make five quantitative and five qualitative observations about your candle. Observation # 1 is before the candle is lit, observations #2 – 4 are while your candle is burning, and observation #5 is after you blow out your candle.

<b>QN</b> #’s, cm, mm, time	<b>QL</b> texture, taste, smell, state of matter, color, form, clarity, shininess, hardness
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.

QN -	QL -
1. 2. 3. 4. 5.	1. 2. 3. 4. 5.
QN -	QL -
1. 2. 3. 4. 5.	1. 2. 3. 4. 5.