

Scientific Method Practice QUIZ

Name:

Date:

Block:

This practice test is designed to help you determine what concepts you DO know and more importantly what concepts you DO NOT know!

Go through the practice test THREE times:

(1) On your own

(2) With your notes

(3) With another student

1

2

3

Each time, if you cannot answer a question, draw a circle around it to identify that you should review this concept when preparing for the test.

Determine whether the following are qualitative or quantitative observations by circling the appropriate answer:

- | | |
|--|-----------------------------|
| 1. The temperature outside is 5°C. | QUALitative or QUANTitative |
| 2. The sun was shining. | QUALitative or QUANTitative |
| 3. The dog wagged its tail. | QUALitative or QUANTitative |
| 4. The student scored 49/50. | QUALitative or QUANTitative |
| 5. The container warmed up to 60°C when we added the chemical. | QUALitative or QUANTitative |

Short Answer:

1. Make two qualitative and two quantitative observations for the following picture:

a. Qualitative Observations:

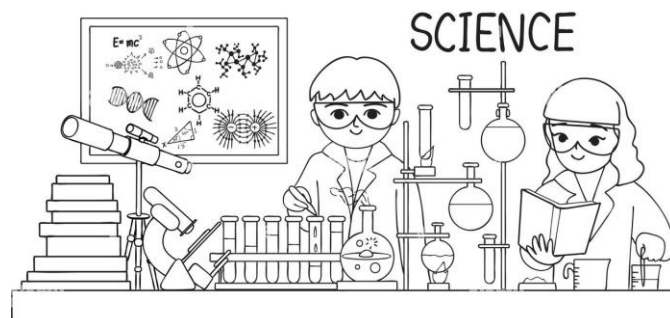
i.

ii.

b. Quantitative Observations:

i.

ii.



2. What are the steps of the scientific method?

