Scientific Method Study Guide

Scientist: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Test date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. List the steps of the Scientific Method?

1.

2.

3.

4.

5.

6.

2. What is a testable question?

3. Write a testable question about popcorn.

4. What is a hypothesis?

5. Write a hypothesis about popcorn.

6. What are qualitative measurements?

7. What are quantitative measurements?

8. Complete the table

|  |  |
| --- | --- |
| **Tool** | **Measures** |
| Graduated cylinder |  |
|  | mass |
| Meter stick/ruler |  |