Name : _____

Topic: Science – Scientific Investigation

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DIRECTIONS: Write **O** if the statement is an observation and **NO** if it is not an observation.

_____ 1. The baby probably has a tummy ache.
_____ 2. The drink contains herbs.
_____ 3. The book weighs 2kg.
_____ 4. The jacket is blue.
_____ 5. This lollipop is sour.
_____ 6. Mr. Jones is most likely to sleep in his chair.
_____ 7. The horse is galloping.
_____ 8. Brian's hair is shiny.
_____ 9. The car is behind the truck.
_____ 10. The umbrella is wet.

DIRECTIONS: Write the letter of the correct answer in the blank.

_____ 1. In an experiment, the factors that is affected in the experiment are called
A. Dependent variables
B. Independent variables
C. Hypothesis

_____ 2. In an experiment, the factors that are kept the same to make the experiment fair is called
A. Analysis of Data
B. Independent variable
C. Controlled variable

_____ 3. In a scientific investigation, "Heat water for 5 minutes." is part of
A. Conclusion
B. Problem
C. Procedure

_____ 4. Which of the following is a well-written hypothesis?
A. "Chopping onions will bring tears to my eyes."
B. "If I chop onions, it will bring tears to my eyes."
C. "Onions make me cry."

_____ 5. In a scientific investigation, what must we do after we conduct the experiment but before make a conclusion?
A. analyze the data gathered from the experiment
B. re-write the hypothesis
C. change the problem

Name : _____

DIRECTIONS: Read the situation below. Answer the questions.

Neil noticed that his school uniform is not as white as it used to. His friend told him to try to use bleach when he washes his uniform to make it more white. To test if the bleach does make his uniform more white, he separated his uniform into 2 groups. On the first group (group A), he washed the uniform as he normally did without using the bleach. On the second group (group B), he washed the uniform as he normally did but this time adding bleach.

1. What is the problem that Neil would like to find out?

   _____

2. What is the hypothesis?

   _____

3. List down the variables.

Controlled Variable	Independent Variable	Dependent Variable