



SNOW DAY – BLIZZARD BAG  
ASSIGNMENT!

**#1**

Name:  
Date:  
Period:

Define the Following Terms:

Scientific Method:

Hypothesis:

Data:

Independent Variable:

Dependent Variable:

Conclusion:

Variable:

Answer the Following Questions:

Read the following scenario:

Juanita planted seeds with an oblong shape into three containers. She placed ten seeds with the pointed end facing down in one container. In the second container, she placed ten seeds with the pointed end facing up. She put ten seeds pointing sideways in a third container. All the seeds were covered with soil. Each container was given equal amounts of water and light each day. Within three weeks, ten plants were growing in each of the containers.

1. Write a hypothesis for the investigation above.
2. What is the independent variable in the above investigation?
3. What is the dependent variable in the above investigation?

Kim wanted to track the daily high and low temperatures for five days. On Monday, the news reported a high temperature of 35 degrees Celcius and a low of 20 degrees C. On Tuesday, the low temperature was 24 degrees C and the high was 29 degrees C. High and low temperatures on Wednesday were the same as they were on Monday. On Thursday, the high was again 35 degrees C, but the low was only 32 degrees C. On Friday, the low temperature was 28 degrees C. This was 5 degrees less than the high temperature for the day.

4. Use the information in the above scenario to create a data table showing the temperatures for the week.