**Assignment # 19**

**(Flow of Logical Thought)**

Directions: For each statement below, create a 2-step “If” and “Then” flow proof. Your 2nd step for each flow proof should consider two ***different*** possibilities. Show all work on a separate sheet of paper.

1. Artemesia is carrying an umbrella.

2. Flynn has a bloody nose.

3. Maelle can cook delicious French food.

4. Gabi plays volleyball for the school team.

Directions: For each statement below, create a 3-step “If” and “Then” flow proof. This time, your 3rd step for each flow proof should lead to the precise statement you are asked to prove. Show all work on a separate sheet of paper.

5. **Given**: A lion is a carnivore.

**Prove**: A lion is a great hunter.

6. **Given**: Cell phones make communication with others easier.

**Prove**: Schools are forced to ban cell phones within classes.

7. **Given**: Camping is done outdoors.

**Prove**: Campers have higher rates of lung failure than non-campers.

Directions: For the problems below describe the logic that you used to answer each question. Writing a short & legible paragraph is necessary!

8. Lazarus is fixing a window frame. He fits 2 pieces of wood together to make the crosspieces. He knows that he must create 90 degree angles on all four corners. Does he need to measure all 4 angles? Why or why not?



9. Julia is checking herself out in the mirror that leans up against the wall of her bedroom. She notices that the floorboards & their reflection do not form straight lines. What can she possibly conclude?

