Deductive vs. Inductive Warm-up

Glue into in-class section of notebook, date today

Decide whether each “argument” below is inductive or deductive. Write the problem number, “inductive” OR “deductive” and a reason for your choice. (You may refer to your notes.)

1. The American League has won the World Series for the last several years. Therefore, the American League will win the World Series this year.
2. Janie has Geometry 6th period, therefore she does not have PreAP Science 6th period.
3. Every time I measure the three angles in a given triangle, they add up to 180 degrees. Therefore, the sum of the three angles of any triangle is 180 degrees.
4. For square ABCD, side AB has a length of 10 cm. For square WXYZ the perimeter is 40 cm. Therefore, square WXYZ also has a side length of 10 cm.
5. “Sir, my client has a parking ticket placed on his car on the square in Fayetteville dated 8/06/2015 at 10:15 am. Therefore, my client could not have hit your car with his in the parking lot at the NWA Mall at 10:10 am on 8/06/2015.”
6. Every time I check the Chicago River near my office in downtown Chicago, it is running northeast past my building. Therefore, the Chicago River cannot reverse direction and run southwest past my building.