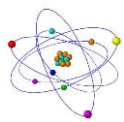
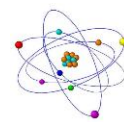


\*\*\*PLEASE DO NOT WRITE ON THIS PAPER\*\*\*



# NOTES: B.N. ATOMS



**BEFORE VIEWING THE VIDEO**, COPY THE FOLLOWING QUESTIONS IN YOUR SCIENCE NOTEBOOK AND THEN ANSWER IT:

- 1) Place these items in order of increasing complexity (smallest to biggest):  
MOLECULES, ATOMS, CELLS, SUBATOMIC PARTICLES
- 2) All matter is made of tiny particles called: \_\_\_\_\_

**WHILE VIEWING THE VIDEO**, COPY THE FOLLOWING QUESTIONS IN YOUR SCIENCE NOTEBOOK AND THEN ANSWER THEM:

- 3) Where is the nucleus of an atom located?
- 4) What are the two subatomic particles located in the nucleus? What are their charges?
- 5) What do you call the flow of electrons from one place to another?
- 6) What is the main difference between Aluminum and Copper?
- 7) What is everything in the Universe made of (2 things)?
- 8) What are THREE examples of energy?
- 9) What is the branch of science called that is all about carbon?
- 10) Give two reasons why carbon is important

**AFTER VIEWING THE VIDEO**, COPY THE FOLLOWING QUESTION IN YOUR SCIENCE NOTEBOOK AND THEN ANSWER IT:

- 11) Which is bigger, an atom or a cell? Explain your thinking.

