Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Section\_\_\_\_\_\_\_\_\_

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Science

Forming A Hypothesis 2

Directions: For each scenario, write a hypothesis you think fits the situation. Remember, hypotheses are (1) written as statements, (2) they should be clear, (3) they should be testable.

1. A student wants to find out whether the baseballs used in his league fly farther than the baseballs used the year before. He has noticed that many more home runs have been hit this year than last year, so he thinks the new balls have more bounce. The student wants to design an experiment to test this idea.

Hypothesis:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. A botanist wants to know why a species of rose in Greenhouse A is producing so many more blooms than the same species of rose in Greenhouse B. After doing some research, the botanist found that there was a tree creating shade over Greenhouse B.

Hypothesis: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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3. Micheal is trying to figure out whether MiracleGro really affects plant growth any better than regular soil. He had heard many great things about it and wanted to try it for his own garden.

Hypothesis: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Latoya thinks her kindergarten students might learn to read faster if she uses a teaching method that focused on sounds different letters make. Her research revealed that young children who experience practice with phonics have higher test scores in reading.

Hypothesis: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. A student wanted to know whether a new brand of shoe could make a basketball player jump higher. He noticed that the new shoes had air bubbles on the back that made the shoe springy.

Hypothesis: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_