



CHAPTER 1: INTRODUCTION TO BIOLOGY



Scientific Investigation

1 Which of the following about a hypothesis are true?

- I It has a relationship
 - II It has a responding variable
 - III It has a manipulated variable
 - IV It should be experimentally verifiable*
- A I and IV only
 - B II and III only
 - C I, II and IV only
 - D I, II, III and IV

* (Note: *experimentally verifiable* = can be confirmed by carrying out an experiment)

2 Which of the following is **not** an acceptable hypothesis?

- A Dough is white.
- B Dough with no sugar does not rise.
- C The longer the dough is kneaded, the less it will rise.
- D The higher the concentration of sugar in the dough is, the less the dough will rise.