

Duke

A student conducted an experiment on plant growth. Plant A was fed a different fertilizer than Plant B. Before the experiment began, Plant A measured 14 centimeters tall, and Plant B measured 16 centimeters tall. At the end of the experiment, Plant A measured 18.2 centimeters tall, and Plant B measured 20 centimeters tall. Which plant, A or B, grew at a greater rate?

Plant \_\_\_\_\_ grew at a greater rate.

Diana guesses that there are 120 gum balls in a jar. There are actually 96. In another game she guesses that there are 75 jelly beans in a jar. There were actually 60. In which game did Diana have the smallest percent error?

**Show your work.**

**Answer** \_\_\_\_\_

The Lions won 16 games last year. This year the Lions won 20 games. What is the percent increase in the number of games the Lions won from last year to this year?

- A 20%
- B 25%
- C 80%
- D 125%