Introduction to Statistics
Activity 9.7a **NAME:**

Error

Suppose a baseball player who has always been a 0.250 career hitter works extremely hard during the winter off-season. He wants to convince the team manager that he has improved, and so the manager offers him a trial of 30 at-bats with which to demonstrate his improvement. Think of this as a hypothesis test.

a) State both hypotheses.

b) What does it mean to make a type I error (**in general, not in-context**)?

c) Describe a type I error **in this context**.

d) What does it mean to make a type II error (**in general, not in-context**)?

e) Describe a type II error in this context.