



3. In the *Journal of the American Dietetic Association*, it was reported that 54% of kids said that they had a snack after school. A random sample of 60 kids was selected, and 36 said that they had a snack after school. At the 1% significance level, test the claim of the journal. On the basis of the results, should parents be concerned about their children eating a healthy snack? If you made an error, what type of error did you make? What could be the consequences of that error?