

# Pop Quiz!

MGMT 230: Introductory Statistics



Yesterday we had a random sample of 617 M&Ms, of which 114 were green. According to the M&M website, 16% of M&Ms are green.

- 1 Compute a 95% confidence interval for the proportion of M&Ms that are green.
- 2 Using a 5% significance level, test the hypothesis that the proportion of M&Ms that are green is different than 16%. Compute and interpret the p-value.
- 3 Does your answer to #1 include 0.16? How do you think that result corresponds to your answer in #2?