Attendance Quiz 16

Name: __________________________________________ Date: ______________________

1. *(Finding Critical Values)* find the critical \( z \) values. In each case, assume that the normal distribution applies.

   Right-tailed test; \( \alpha = 0.01 \).

2. *(Finding testing Values)* find the value of the test statistic \( z \) using

\[
 z = \frac{\hat{p} - p}{\sqrt{pq/n}}
\]

The claim is that the proportion of adults who shop using the Internet is less than 0.5 (or 50%), and the sample statistics include \( n = 1025 \) subjects with 29% saying that they use the Internet for shopping.

3. *(Finding P-Values)* use the given information to find the \( P \) values.

   The test statistic in a right-tailed test is \( z = 0.55 \).