

## 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

$$z = \frac{\hat{p} - p}{\sqrt{\frac{pq}{n}}}$$

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  $z = 0.55$ .