(a) Write the Claim mathematically and identify Ho and Ha

(b) Find the critical value(s) and identify the rejection region(s)

(c) Find the Standardized test statistics.

(d) Decide whether to reject or fail to reject the null hypothesis

In a sample of 1788 of home buyers, you find that 637 home buyers found their real estate agents through a friend. At 0.08, can you reject the claim that 40% of home buyers find their real estate agents through a friend?

Write the Claim mathematically and identify Ho and Ha

Find the critical value(s) and identify the rejection region(s)

Z0 = (Round two decimal places as needed, use commas to separate answers as needed)

Standardized test statistic

Z = \_\_\_\_\_ Round two decimal places

Next I must choose the Correct Graph (left, right, or two-tailed)

Which of the following is the correct conclusion for the test?

(choose one)

1. Fail to reject the Ho. There is enough evidence to reject the claim that 40% of buyers find their real estate agent through a friend.
2. Reject the Ho. There is not enough evidence to reject the claim that 40% of buyers find their real estate agent through a friend.
3. Reject the Ho. There is enough evidence to reject the claim that 40% of buyers find their real estate agent through a friend.
4. Fail to reject the Ho. There is not enough evidence to reject the claim that 40% of buyers find their real estate agent through a friend.