

Name:

Date:

1. Write the null hypothesis:

2. Write the alternative hypothesis:

Chosen neighborhood: _____

Source: American Community Survey

Ethnicity	New York City	Expected	Observed	O-E	(O-E) ²	(O-E) ² /E
White (Non-Hispanic)	33.3%					
Black (Non-Hispanic)	22.8%					
Asian (Non-Hispanic)	12.6%					
Other (Non-Hispanic)	1%					
Multiracial (Non-Hispanic)	1.8%					
Hispanic	28.6%					

Degrees of Freedom: _____

p-value: _____

$\chi^2 =$ _____

3. Can you reject the null hypothesis? Why or why not?

