

Name:

Class quiz 8

November 17, 2017

Five hundred eleven (511) homes in a certain southern California community are randomly surveyed to determine if they meet minimal earthquake preparedness recommendations. One hundred seventy-nine (179) of the homes surveyed met the minimum recommendations for earthquake preparedness and 332 did not.

Find the confidence interval at the 90% confidence level for the true population proportion of southern California community homes meeting at least the minimum recommendations for earthquake preparedness.