Health Care Poll   Name:_____

In the wake of the health reform repeal vote in the U.S. House and the ongoing legal challenges over the individual mandate, an environment where confusion over the status of the reform law is thriving. In fact, as recent public opinion poll by the Kaiser Family Foundation found that just over one in five Americans sampled (22 percent) think health reform has been repealed and is no longer the law. The survey was conducted February 8 through February 13, 2011, among a nationally representative random sample of 1,202 adults ages 18 and older.

Questions

1. What is the sample proportion, $\hat{p}$, who falsely believe the health care law has been repealed and in no longer law?

2. What is the sample size? $n =$_____

3. Calculate the standard error.

4. Compute a 95% confidence interval for the proportion of US adults who falsely believe the health care law has been repealed. (note $z^* = 1.96$.)

5. Report the Margin of Error.

6. How many people would need to be sampled (conservatively) to reduce the margin of error to 1.5% ($\equiv 0.015$). (i.e. "conservatively" means use $\hat{p} = 1/2$ in the calculation.)