1. In an AP*NORC poll of 1437 American adults in July 2025, 69% said they did suppported laws protecting access to abortions for patients who are experiencing miscarriages or other pregnancy-related emergencies.

a) Is $\hat{p}$ known in this situation? If so, state the value of $\hat{p}$. If not, state the best estimate of $\hat{p}$, and explain why the exact value is unknown.

$\hat{p}$ represents a proportion of the sample.

b) Is p known in this situation? If so, state the value of p. If not, state the best estimate of p, and explain why the exact value is unknown.

p represents a proportion of the population.

c) Calculate the margin of error.

Use the E formula for proportions.

d) Write the confidence interval.

What is the range in which we believe p to be?

e) Precisely complete the following statement: They are 95% confident that…

Make a claim about the population proportion.

2. A polling company reports a confidence interval of $21\% < p < 27\%$. State the following values.

a) c b) $\hat{p}$ c) $\hat{q}$ d) E