3. An investigator wants to estimate the proportion of patients who respond to a new cancer treatment, and he wants his response rate estimate to be reasonably precise. Specifically, he would like to have at least 95% confidence that the precision of the response rate estimate is ±0.1. On the other hand, he has only sufficient funds to recruit and treat 75 patients in his study. Is 75 patients sufficient to achieve his goal? What alternative information you might want from the investigator in order to answer his question in a potentially more efficient manner?