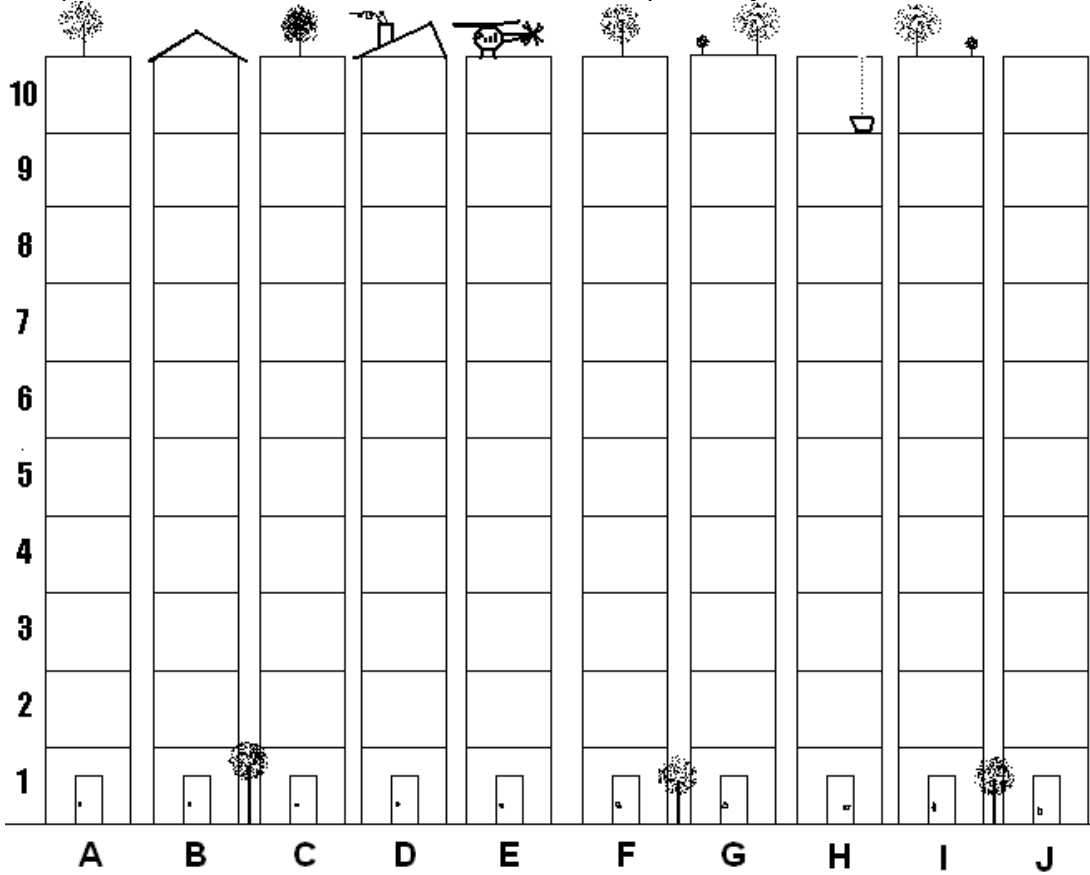
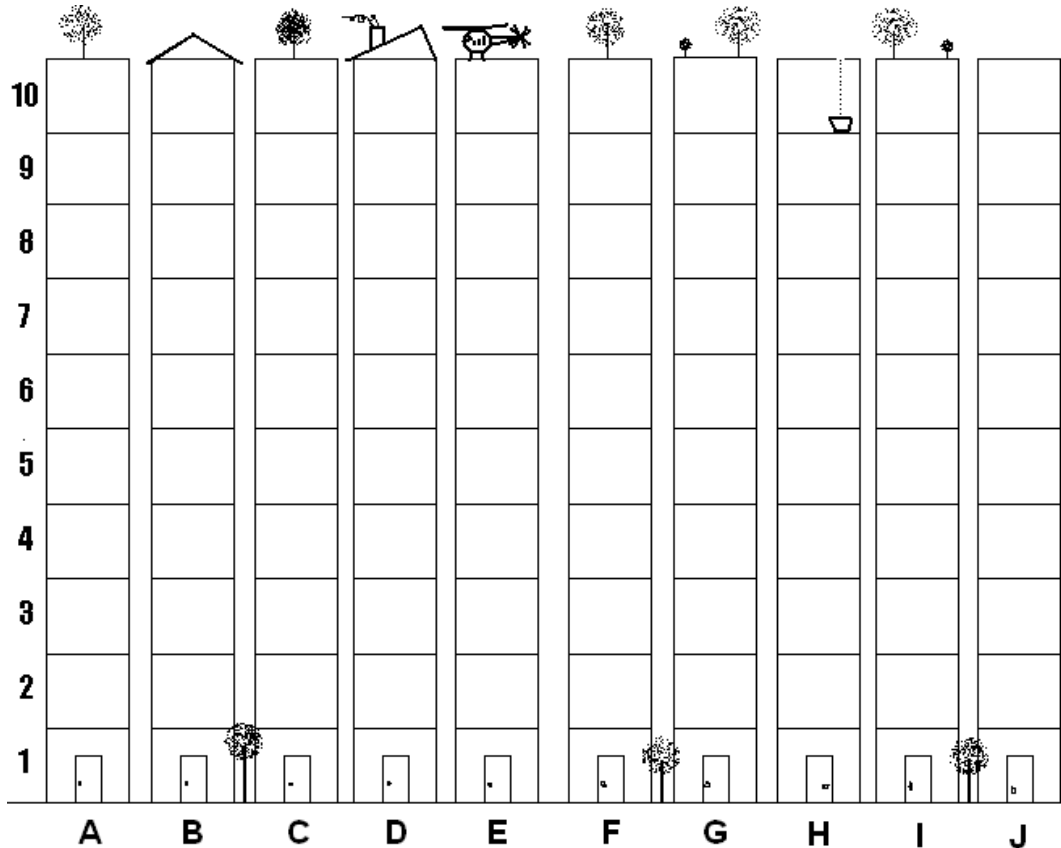


SOCIOLOGY 497 – SAMPLING WORKSHEET

A. Systematic Random Sample (“SyRS”) – We’re conducting a survey on noise and air quality. Select 10 apartments using the skip number “k”, and note whether there is an issue of *periodicity*, as discussed in the text and lecture.

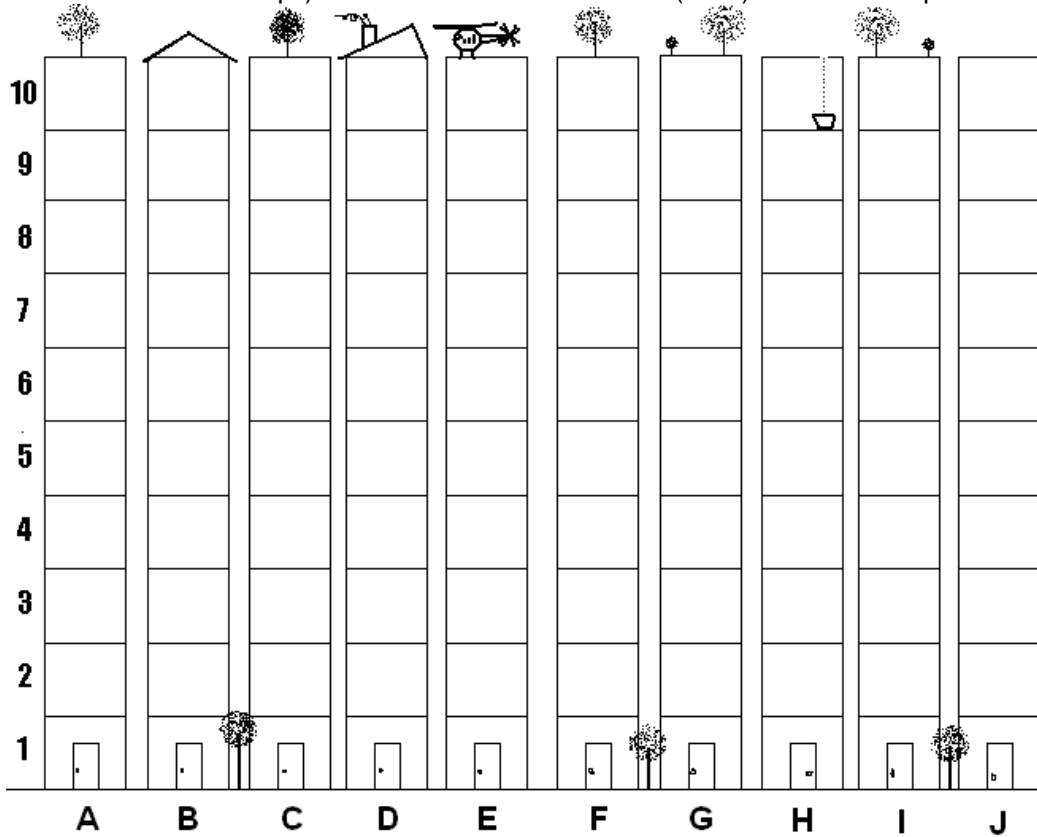


B. Simple Random Sample (SiRS): Using a random number table, select 10 apartments, and note whether parts of the sample (floors or buildings) are not included. Provide the 10 five-digit numbers you selected from the table, and circle the digits you used.



SAMPLING WORKSHEET (continued)

C. Stratified Random Sample – Let's treat each floor of the buildings as a stratum (from the highest-status penthouse suites, to the low-rent street-level dumps). Use the random number table (SiRS) to select one apartment *from each floor*.



D. Cluster Sample – A geographically dispersed sample takes more time and expense, and may introduce extraneous variation in the sample. Plus, none of these buildings have elevators. Use SiRS to select 2 buildings, then SyRS for 5 apartments in each.

