1. Entering Villanova freshmen are divided into orientation groups. Suppose that there are 80 orientation groups, each with 20 students. Given each sampling method, briefly describe how one could use the specified method to draw a sample of 160 entering Villanova freshmen during the orientation period. Please make your statement concise, but be specific about numbers.

(a) Systematic sampling

(b) Cluster sampling

(c) Stratified random sampling