AP Statistics 1617 C4D2 SRS Practice

1. The owner of a food store is concerned about employee morale. She decides to survey the employees to see if she can learn about work environment and job satisfaction. Obtain a simple random sample (SRS) of size five from the names in the given table. Write a short description of the process you used to generate your sample. Be sure to include your results.

Archer	Foushi	Lathus	Salazar
Bolcerek	Gow	Lindsey	Ullrich
Bryant	Grove	Massie	Vaneck
Carlisle	Hall	McGuffin	Weber
Cole	Hills	Musa	Zavodny
Dimas	Houston	Nickas	
Ellison	Kats	Oliver	
Everhart	Kemp	Orsini	

2. The Future Government Club wants to sponsor a debate about the upcoming national election. The club wants to create four groups of eight students for the tournament. Use SRS to put the 32 students into four groups. Write a description of the process you used. List the four groups.

Blouin	Fallenbuchel	Niemeyer	Rice
Bolden	Grajewski	Nolan	Salihar
Bolt	Haydra	Ochs	Tate
Carter	Keating	Opacian	Thompson
Cooper	Khouri	Pawlak	Trudeau
Debold	Lukens	Pechtold	Washington
De Young	May	Ramirez	Wright
Engler	Motola	Redmond	Zenkel

3. A teacher wants to determine the effects of consuming different types of pizza before taking an AP Statistics test. Twelve randomly selected students will take part in the experiment. The three different types of pizza are Cheese, Pepperoni, and Vegetarian. Describe how to randomly assign the 12 students to groups using the Random Number Table below. Make sure to include your results.