

**Population Identification Types of Survey Sampling - Independent Practice Worksheet**

**For questions 1-5 identify the implied population.**

- 1. Football Night in America is watched by 29% of the television audience.**
- 2. A musician's song is on the top 5 paid songs on iTunes.**
- 3. A survey shows that 90% of Canadian dentists recommend brushing your teeth after every meal.**
- 4. 1/3 of the teenagers in 1980 smoked a cigarette monthly.**
- 5. A democratic mayor had full support from his local party to run for State Senate.**

**For questions 6-9 identify the type of survey method used.**

**A researcher is studying the amount of television watched by 4,250 young adults. He decides to randomly sample 50 young adults by asking them how many hours of television they watch in a week.**

- 6. An equal proportion of young adults are randomly selected by gender and age.**
- 7. The researcher assigns each young adult a number from 1 to 4,250. He uses a computer to generate a random list of numbers that he will survey.**
- 8. The young adults are from 5 different towns. The researcher selects 10 young adults from each of the 5 towns.**
- 9. The researcher assigns each young adult a number from 1 to 4,250. He selects the survey participants by randomly 1 participant from one of the first 85 numbers. He does this for every 85<sup>th</sup> number thereafter.**

