



Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Directions:** Tell whether the samples are simple random or systematic.

1. Marcie wanted to find out how many people enjoyed the new romance-comedy that came out this weekend. On Saturday, Marcie stood outside of the theater showing the movie and asked every 5<sup>th</sup> person whether or not they liked the movie. Is the sample that she surveyed a random sample or a systematic sample?  
  
\_\_\_\_\_

2. Charlie has 4 extra tickets to a baseball game. He has eight friends who would like to join him at the baseball game. He write each of their eight names on separate pieces of paper, places the paper in a hat, and then draws four names. Is the sample that he surveyed a random sample or a systematic sample?  
  
\_\_\_\_\_

3. Maxwell wants to find out where his graduating class we like to celebrate their high school reunion. He calls every tenth person on his high school alumni list in order in order to find out. Is the sample that he surveyed a random sample or a systematic sample?  
  
\_\_\_\_\_

4. Drew wants to know what the popular model of car driven in his city. He surveys every 100<sup>th</sup> person in the phone book and asks them what type of car they drive. Is the sample that he surveyed a random sample or a systematic sample?  
  
\_\_\_\_\_

5. Jared has a baseball card collection with over 500 cards. His friend believes that Jared has baseball cards with New York Yankee players than any other team. Jared tries to prove him wrong. Jared has his friend randomly select 125 baseball cards. Is the sample that he surveyed a random sample or a systematic sample?  
  
\_\_\_\_\_

1. systematic sam-pling  
2. random sampling  
3. systematic sam-pling  
4. systematic sam-pling  
5. random sampling

**Answer Key**



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**systematic sampling**

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**random sampling**