6. Match the sampling technique to the example.

TECHNIQUE	*EXAMPLE*
___ Systematic sample	A – In order to find out the courses students need for next year, all students complete their option sheets
___ Simple random sample	B – Graduating students are asked to visit the school website to complete a yearbook survey.
___ Voluntary –response sample	C – Student council asks a proportional number of students at random from each grade about their spending habits.
___ Cluster sample	D – Grade 11 Math students ask students in the three nearest classrooms about their study habits.
___ Stratified random sample	E – Students attending the dance are automatically entered into a door prize. A name is drawn from a container at the end of the evening to win the prize.
___ Convenience sample	F – Every 4th student to enter the cafeteria is asked what they are eating for lunch.
___ census	G – The school is split into grades, all the Grade 11's answer questions about sports at West.

Complete the rest of the questions on a separate sheet of paper.

7. Each year, sportswriters vote on the MVP in Baseball. A newspaper conducts a mail-in poll of coaches and managers of the teams.

   a) What are the possible biases/problems in this survey?

   b) What questions/questions could you ask to create an unbiased survey?

   c) How would you conduct this survey?

8. Suzie and Vivian played 8 rounds of golf to determine who would get the final spot on the school golf team. Their results are shown in the table:

Round	1	2	3	4	5	6	7	8
Suzie	88	86	84	81	87	86	85	83
Vivian	78	91	85	84	94	77	81	98

   a) Find the mean, median and mode for each golfer.

   b) Who should be offered the final spot on the team? Explain. (Hint: Find the standard deviation and compare the results)

   c) Construct a histogram using both of Suzie and Vivian's golf scores as the data. Use intervals of 3.

   d) Does this histogram look like any of the common distribution types we studied in class?

Textbook Practice Questions

Probability – p.94 #1-11

Statistics – p. 156 #1-14