2.4 Worksheet - Survey Design and Bias

higher taxes? (1: totally agree, 5: totally disagree)

d) Why shouldn't forestry companies clear cut? Please explain.

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1) For each of the following checklist question, or info	.	is an open question, rating question, ranking question,
i) Please provide the follo	owing information:	
Gender:	Grade:	
ii) Please provide the foll	owing information	
Gender: □M □	F Grade: □9	$\square 10$ $\square 11$ $\square 12$
iii) With 1 meaning most textbook.	helpful and 10 meanin	ng not at all helpful, rate each of the chapters of the
Chapter 1	Chapter 2	Chapter 3
Chapter 4	Chapter 5	Chapter 6
iv) Rank the chapters of t	his textbook in order f	rom 1-6 (1 being most useful).
Chapter 1	Chapter 2	Chapter 3
Chapter 4	Chapter 5	Chapter 6
2) Describe the character	ristics of a good questic	on and what good questions must avoid.
3) Using your criteria fro the question to meet all o		on, evaluate the following survey questions and re-write question.
a) Should the OMB be fur	ded to initiate waste a	udits across the province?
\Box Y \Box I	1	
forced to clean up their a	ct? Please comment.	is spewed out of smelters, should mining companies be

checklist question, or information question.				
a) You are presently in grade (circle the ap	ppropriate answer):			
9 10 11 12				
b) I find mathematics stimulating because:	:			
c) Rank the following foods from favourite (1) to least favourite (4).				
pizza hamburgers	tacoswatermelon			
d) Do you wear a wristwatch?				
always sometimes	seldom never			
e) How much do you like math on a scale o	of 1 to 5 (1 being the lowest)			
f) Estimate your net income:				
\$15000-\$19999\$20000-\$	\$39999\$40000-\$59999\$60000 +			
5) Explain the difference between primary	and secondary data.			
6) Identify the type(s) of bias that might re	esult from each of the following data collection methods.			
c) You ask students about their recycling h	es to be returned to you next week. If grade 12 students, so you interview students from your class. Inabits on behalf of the Greenteam, the school environment club. Is from each block A class to determine their attitudes toward			
	ted, many people with call display will not answer their phone. at can be done to minimize this kind of bias?			
the Toronto Blue Jays. You get permission	amount of money spent by the fans attending opening day for from the team's management to conduct a survey at the ther the fans in the club seating or box seats (the most			

expensive seating). Using a computer, you randomly select 500 seats from the rest o the stadium. During the game, you ask the fans in those seats how much they spent that day. What type of bias is present in

this survey method?