

Intermediate Algebra (Harvey)  
Chapter 1: Sample and Display Data

Objectives: to identify sampling methods and recognize biased surveys  
to calculate the mean, median and mode  
to create and use histograms, stem and leaf plots and box and whisker plot and scatter plots  
to identify quartiles and calculate percentiles  
to use matrices and organize data

Assignment	Page	Problems
1. 1.1 Surveys and Sampling Methods	pp 8-9	1-4, 9-16, 30-45 odd (no calculator)
2. 1.1 (Cont)	WS 1-1	
3. 1.2 Measures of Central Tendency and Range	pp 12-13	1-18 skip (5,10,15) 29-43 odd
4. 1.2 (Cont)	WS 1-2	
5. Review	p 14	1-17
6. 1.3 Histograms and Stem and Leaf Plots	pp 18-19	1-5, 13-15, 24, 25, 29, 30
7. 1.3 (Cont)	pp 18-19	6-12, 17, 19, 20
8. 1.3 (Cont)	WS 1-3	
9. Quiz over 1-1 to 1-3		
10. 1.4 Scatter Plots and Lines of Best Fit	pp 22-23	1-4, 10 scatter plot only
11. 1.4 (Cont)	p 23	7-12, 14
12. 1.4 (Cont)	WS 1-4	
13. Review	p 24	1-19
14. 1.6 Quartiles and Percentiles	pp 30-31	1-9, 14, 17-22, 30-38 (no calc)
15. 1.6 (Cont)	WS 1-6	
16. Quiz over 1.4 – 1.6		
16. 1.7 Misleading Graphs and Statistics	pp 36-37	1-11, 21-31 odd (no calc)
17. 1.7 (Cont)	WS 1-7	
18. 1.8 Use Matrices to Organize Data	pp 40-41	1-3, 6-11, 17, 18
19. 1.8 (Cont)	WS 1-8	
20. Review		