

Please complete the following exercises from the textbook (*Reconceptualizing Mathematics* by J. Sowder, L. Sowder, S. Nickerson, 2nd edition) by Thursday, October 30, 2014. You are welcome to talk to me if you have any questions about these problems. You are also welcome to discuss these problems with your classmates. However, when you sit down to write up the homework, please do so alone, without anyone's help.

All problems are from Learning Exercises except the ones marked SLE, which are from Supplementary Learning Exercises.

Section 29.5: Analyse the data you collected from your survey (use techniques of chapters 30 and 31 that apply to your data set). Answer questions 6, 7 and 8 in Section 29.5. Since the teams are working on different surveys, the techniques required to analyse the data sets might differ from team to team. So, please talk to me by October 23 to agree on exact details of data analysis for your survey.

Section 30.3: 3, 4, 5, 6, SLE 5;

Section 30.4: 1, 3, 11, 13, SLE 2;

Section 30.5: 1, 2, SLE1;

Section 31.1: 3, 4, 5, 6, 9;

Section 31.2: 1, 2, 5.