1. 6-7 in the text, parts (a) (estimate the main effects only - you might wish to check your results against a plot.design), (b), (d) and the last question in (e): “Where would you ... ?”.

2. 6-20 in the text.

3. 7-5 in the text.

4. 7-6 in the text.

5. 7-21 in the text. Just do the ANOVA - you needn’t do a residual analysis on this one.

6. 8-1 in the text. Again, you needn’t do a residual analysis. Show your design, do an ANOVA, identify significant effects and do another ANOVA fitting only those.

7. 8-7 in the text. In (a), write out the defining relation and all pairs of aliases involving main effects.