

Homework Set 8

**Due Wednesday, April 27, 2011, before class starts**

1. Reading: Sections 15.3 (LS) and 14.3 (Factorial in CR).
2. Ex. 15.10 (p. 994). [For a, write down the model and also explain each term.]
3. Ex. 14.8 (p. 936).
4. Based on the ANOVA table in Ex. 14.8, perform an appropriate F test for the interaction effect. State conclusions in terms of the effect of age and product type on the mean attention span of the children.
5. Ex. 14.23 b (p. 926). Also, identify the experimental design.

Do the following using Minitab:

6. Ex. 14.9, 14.10 b (p. 937).