Assignment

The following table gives the birth weights (in pounds) of Poland china pigs in 8 litters.

1	2	3	4	5	6	7	8
2.5	3.5	3.3	3.2	2.6	3.1	2.6	2.5
2.8	2.8	3.6	3.3	2.6	2.9	2.2	2.4
3.3	3.2	2.6	3.2	2.9	3.1	2.2	3.0
3.2	3.5	3.1	2.9	2.0	2.5	2.5	1.5
4.4	2.3	3.2	3.3	2.0		1.2	
3.6	2.4	3.3	2.5	2.1		1.2	
1.9	2.0	2.9	2.6				
3.3	1.6	3.4	2.8				
3.2							
3.2							

1) Construct the ANOVA table and test at 5% level the hypothesis that there is no significance difference between mean weights in the 8 litters.

2) Test the significance of litters effects 1 and 4