Slide 1

Source	SS
Model	187
Error	8
C. Total	195

Source	Type I SS
X1	144
X2	22
X3	21

Source	Type III SS
X1	10
X2	37
X3	21

Slide 2

Source	SS
Model	187
Error	8
C. Total	195

Source	Type I SS
X1	144
X2	22
X3	21

Terms in Model	SSE	Decrease
none	195	144
X1	51	22
X1, X2	29	21
X1, X2, X3	8	

Slide 3

Source	SS
Model	187
Error	8
C. Total	195

Adding X1 to the model that already has X2 and X3 reduces the SSE by 10.

Source	Type III SS
X1	10
X2	37
X3	21

Adding X2 to the model that already has X1 and X3 reduces the SSE by 37.

Adding X3 to the model that already has X1 and X2 reduces the SSE by 21.

Terms in Model	SSE
X1, X2, X3	8
X2, X3	18
X1, X3	45
X1, X2	29

A difference of 37.