Antique Clock Data

Data are collected on the selling price (pounds sterling) and age (100 to 200 years) of 32 antique grandfather clocks. One wishes to predict the selling price from the age. There is an extra variable, the number of bidders (5 to 15) at the auction. The data are given below and appear on page 173 of *A Second Course in Statistics: Regression Analysis* by Mendenhall and Sincich. Note that this text indicates that the price is in dollars when in fact it is in pounds sterling. Refer to the output on the various models relating selling price to age, number of bidders and a cross product term.

Age	Bidders	Price	Age	Bidders	Price
127	13	1235	170	14	2131
115	12	1080	182	8	1550
127	7	845	162	11	1884
150	9	1522	184	10	2041
156	6	1047	143	6	854
182	11	1979	159	9	1483
156	12	1822	108	14	1055
132	10	1253	175	8	1545
137	9	1297	108	6	729
113	9	946	179	9	1792
137	15	1713	111	15	1175
117	11	1024	187	8	1593
137	8	1147	111	7	785
153	6	1092	115	7	744
117	13	1152	194	5	1356
126	10	1336	168	7	1262