

# Blackline Master for Classroom Activity 8.6.1.3: Tables and Their Scatter Plots

20 New Cars

<b>mass (kilograms)</b>	<b>fuel efficiency (miles per gallon)</b>
1,549	25
1,610	20
1,737	21
1,777	20
1,155	28
1,486	23
1,962	16
2,384	16
1,957	19
2,212	16
1,115	29
2,068	18
1,663	19
2,216	18
1,432	25
1,987	18
1,259	25
1,580	26
1,234	30
1,656	23

30 Days in August

<b>daily high (degrees Fahrenheit)</b>	<b>energy consumed (kilowatt hours)</b>
94	37
86	29
92	29
96	38
97	37
92	34
98	36
100	33
100	38
99	39
99	39
87	29
94	43
96	34
95	35
92	36
93	25
90	26
91	28
93	28
90	30
86	32
83	33
90	27
92	29
96	35
84	20
76	17
88	32
77	34

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20 Used Cars

price (dollars)	mileage (miles)
7,599	121,000
11,998	70,000
8,998	126,000
8,998	104,000
10,998	69,000
12,998	55,000
12,998	52,000
14,998	23,000
18,998	47,000
17,998	46,000
14,998	23,000
12,998	29,000
13,599	25,000
15,599	2,000
13,599	28,000
16,998	17,000
16,599	12,000
17,000	15,000
15,998	16,000
16,599	9,000
20,998	13,000

20 Diamonds

weight (carats)	price (dollars)
1	3,772
1	4,221
1	4,032
1	5,385
1.05	3,942
1.05	5,480
1.06	4,511
1.2	5,544
1.3	6,131
1.32	5,872
1.41	7,122
1.5	7,474
1.5	5,904
1.59	8,706
1.61	8,252
1.73	9,530
1.77	9,374
1.85	8,169
1.9	9,541
2.04	9,125