

### Solution 17.19

We employ multiple linear regression to fit the following equation to the data

$$y = 14.66667 - 6.66667x_1 + 2.33333x_2 \quad (r^2 = 0.958333; s_{y/x} = 1.414214)$$

The model and the data can be compared graphically by plotting the model predictions versus the data. A 1:1 line is included to indicate a perfect fit.

