Introduction to the R Statistical Computing Environment
Graphics in R: Exercise

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* Frank Anscombe's "quartet" (so dubbed by Edward Tufte) of simple-regression data sets, from F. Anscombe (1973), "Graphs in statistical analysis," *American Statistician*, 27:17–21, has become a staple of the literature on statistical graphics. All four data sets produce the same linear least-squares regression, including intercept, slope, residual standard error, correlation, and coefficient standard errors (but not residuals!). Anscombe's data are included in the standard R distribution, in the data frame `anscombe`; see `?anscombe` for details. Using these data, verify the claim that the regressions are the same (within rounding error), and then reproduce the following graph: