1. Identify the explanatory and response variables in this study.

2. Use this output to determine the equation of the least squares line for predicting price from number of pages. Report the equation, being sure to use good statistical notation.

3. Use the least squares line to predict the price of a 500-page textbook. Then do the same for a 1500-page textbook. Which prediction would you have more confidence in? Explain.

4. Interpret what the slope coefficient means in this context.

5. Determine the proportion of variability in textbook prices that is explained by knowing the number of pages in the book.