**Chapter 5 Objectives and Homework**

**5.6 Parallel and Perpendicular Lines**

Objective 1: Determine whether lines are parallel, perpendicular, or neither. (pp. 334-335 #13-18)

Objective 2: Write equations of parallel and perpendicular lines. (pp. 334-335 #8, 9, 12, 22, 23)

**5.7 Scatter Plots and Trend Lines**

Objective 1: Create a scatterplot and describe the type of correlation the scatterplot shows. (p. 341 #8)

Objective 2: Write an equation of a trend line and find a line of best fit. (p. 341 #9, 10, 11)

Objective 3: Use a trend line and a line of best fit to make predictions and estimates. (p. 341 #9, 10, 11)

Objective 4: Determine whether a correlations reflects a causal relationship. (p. 341 #12, 13, 14, 15)

**5.8 Graphing Absolute Value Functions**

Objective 1: Graph an absolute value function

Objective 2: Translate the graph of an absolute value function (p. 349-350 #10, 12, 18, 19, 33, 34)