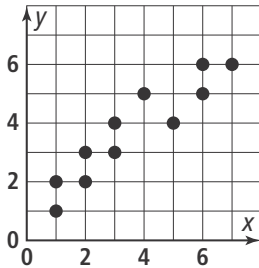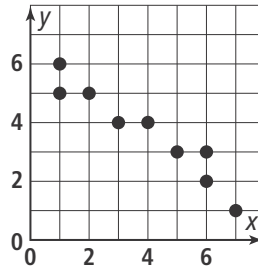# 3-5 Reteach to Build Understanding
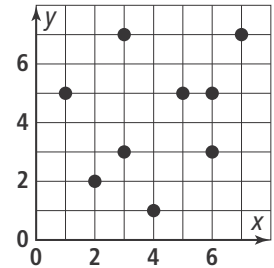
Scatter Plots and Lines of Fit

1. The scatter plots show data sets that have different types of associations. Draw lines from each type of association to the scatter plot it describes.
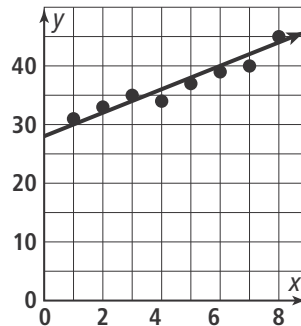

no association   positive association   negative association

2. View the scatter plot and the trend line. Fill in the blanks to determine the equation for the trend line.

Select two points on the trend line: (1, _____) and (6, _____)

Use them to find the slope: $m =$ _____

Use the slope and the first point from above to write the equation of the trend line. $y -$ _____ $=$ _____ $(x -$ _____ $)$

Write the trend line in slope intercept form. $y =$ _____

3. Steve drew a trend line for the plotted points. What is Steve's misunderstanding?