Guided Practice

1. The table shows the total number of text messages
   that Brad sent over 4 days. What is the average number of
   messages sent in any number of days? Describe the
   relationship in words.
   a. Write an equation to find the total number of
      messages.
   b. Use the equation to find how many text messages
      Brad would send in 30 days.

2. Financial Literacy The graph shows the amount of money
   the Rodwell family budgets for food each month. Write
   an equation to find the total amount of money spent on
   food in any number of months. Describe how much the
   Rodwell family should budget for 12 months.

3. A store receives an average of 7 new movies per week.
   Write an equation to find the number of new movies m in
   any number of weeks w.
   a. Make a table to find the number of new movies received
      in 4, 5, 6, or 7 weeks. Then graph the

4. Building on the Essential Question: How can you use
   a graph to write an equation?
   Sample answer: Choose two points on the graph and
   find the slope. Then use the slope and one point in the
   slope-intercept form of an equation to find the y-intercept.
   Then write the equation.