Name

**7-7A Lesson Master**

**SKILLS** Objective B

1. Steve has saved $150. He plans to save an additional $25 each month. To keep track of his savings, he wants to create a spreadsheet like the one at the right.

   a. What formula can Steve enter in cell B4 to find the amount of money he has saved after 2 months?

   b. Fill in the values in Column B.

   c. Explain what the value in cell B7 represents.

**USES** Objective G

In 2–5, multiple choice. Each graph at the right is drawn on the window $-2 \leq x \leq 15$ and $-2 \leq y \leq 15$. Match each equation with its graph.

2. $f(x) = -2x + 7$
3. $g(x) = 4 \cdot 0.5^x$

4. $h(x) = 2 \cdot 1.5^x$
5. $j(x) = 0.5x - 2$

6. Minnie and Max are twins. Currently their weekly allowance is $5.00. Minnie wants her allowance to increase by $3.00 each year. Max wants his to increase by 30% each year. The twins present their allowance proposals to their parents using a spreadsheet like the one at the right.

   a. What formula can Minnie enter in B3 to display her allowance a year from now?

   b. What formula can Max enter in C3 to display his allowance a year from now?

   c. Which twin will have a greater weekly allowance for the next three years?

   d. Which twin will have a greater weekly allowance six years from now?

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**Questions on SPUR Objectives**

See pages 452–455 for objectives.