2-15. Copy the sequences and fill in the missing numbers. Explain the pattern in words.
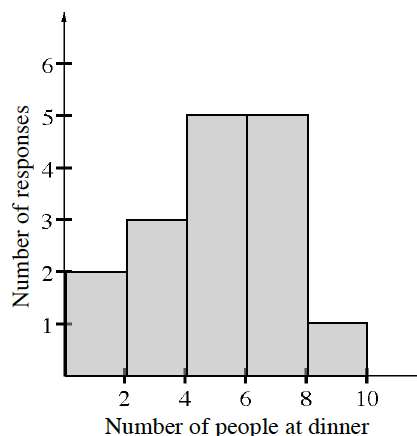
Homework Help ✎

    a. 5, 14, 23, 32, 41, _____, _____, _____
    b. 3, 6, 12, 24, 48, _____, _____, _____

2-16. Lyn asked some of her classmates how many people are normally at home for dinner. She recorded her results in the histogram shown at right. Homework Help ✎

    a. How many classmates were surveyed?
    b. How many classmates have eight or nine people at home for dinner?
    c. Can you tell which is the most common number of people at home for dinner? Why or why not?

2-17. Maria was putting together party favors (small bags of treats for each person) for her niece's birthday party. In each bag, she put three small chocolate candies, and four hard candies. If Maria had 12 bags, how many candies did she use in all? How could you represent this with a number expression? Homework Help ✎

2-18. How many different rectangles can you draw with an area (number of "tiles") of 28? What is the perimeter (number of "toothpicks") of each one? Show your work. 2-18 HW eTool(CPM). Homework Help ✎

2-19. Ms. Katz paid $50 for a used bicycle and then sold it to her neighbor for $60. She decided to buy it back, but she had to pay $70 for it. If she then sold it again for $80, how much money did she make or lose overall? Show your solution in enough detail so a teammate could easily understand how you found your answer. Homework Help ✎