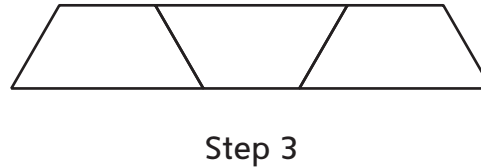
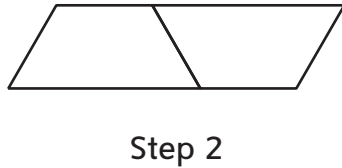
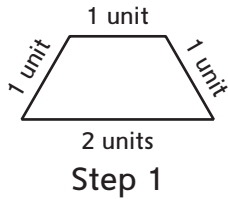


# Representing Patterns in Different Ways

Use the pattern below to answer the questions.  
 Hint: The perimeter of one trapezoid is 5, not 4.



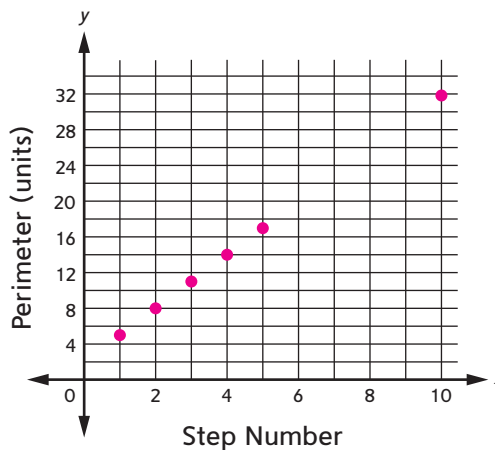
① In the space below, sketch and label Step 4 and Step 5 of the sequence.



② Complete the table, and record an equation to represent the rule for finding the perimeter. **Sample answer:**  
 Rule:  $x * 3 + 2 = y$

③ Use the values in the table from Problem 2 as the  $x$ - and  $y$ -coordinates for points. Graph the points on the coordinate grid.

Step Number ( $x$ )	Perimeter ( $y$ ) (units)
1	5
2	8
3	11
4	14
5	17
10	32



## Practice

Evaluate.

- ④ 15% of 80 = 12    ⑤ 45% of 200 = 90    ⑥ 85% of 2,200 = 1,870