

Drawing a Graph

Name _____

Key Concept and Vocabulary

The diagram illustrates the pattern of chairs per table. 1 table has 6 chairs. 2 tables have 8 chairs. 3 tables have 10 chairs. A dog's thought bubble says "The first table holds 6 chairs." A cat's thought bubble says "Adding another table adds only 2 more chairs."

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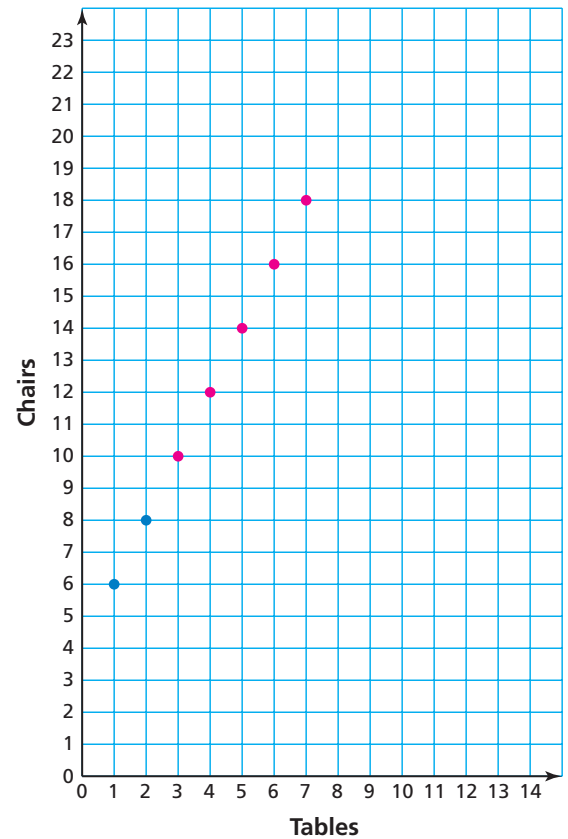
1. **EXTENDING A PATTERN** Complete the table.

Tables	1	2	3	4	5	6	7
Chairs	6	8	10	12	14	16	18

2. **GRAPHING A PATTERN** Complete the graph.

3. **DESCRIBING A PATTERN** Describe the pattern of the graph.

As the tables increase by 1, the chairs increase by 2.



4. **EXTENDING A PATTERN** If you set up 10 tables, how many chairs would there be?

24 chairs