

# Comparing Tables and Graphs

## Home Link 7-10

NAME \_\_\_\_\_

DATE \_\_\_\_\_

TIME \_\_\_\_\_

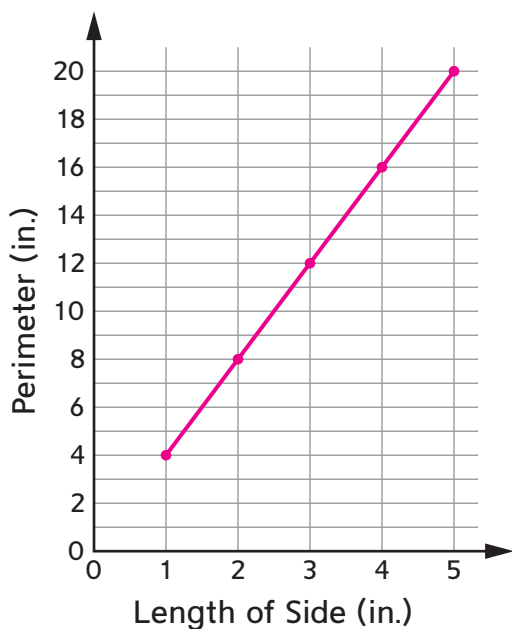
- ① Complete the tables for squares with the given side lengths.

Side Length (in.)	Perimeter (in.)
1	4
2	8
3	12
4	16
5	20

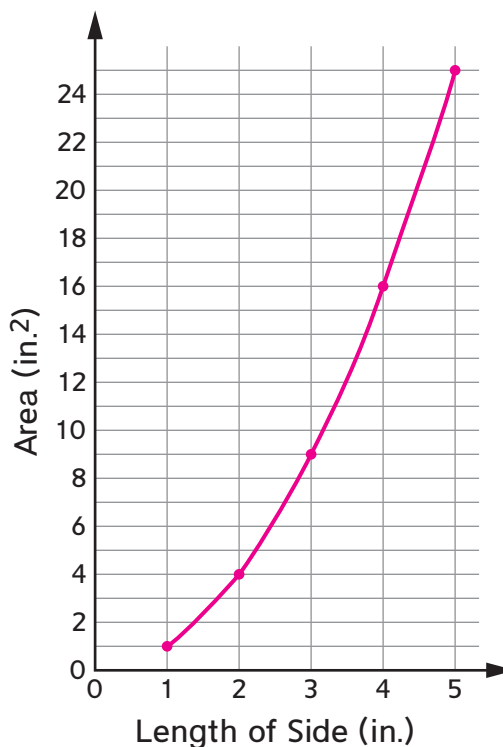
Side Length (in.)	Area (in. <sup>2</sup> )
1	1
2	4
3	9
4	16
5	25

- ② Use the values in the tables in Problem 1 to make graphs for perimeter and area.

**Perimeter**



**Area**



- ③ Explain why the graphs look different.

**Sample answer:** The area grows faster than the perimeter. Area change increases. Perimeter change remains constant.

**Practice** Find each number based on the given percents.

④ 10% of  $n$  is 4;  $n = \underline{40}$

⑤ 30% of  $n$  is 18;  $n = \underline{60}$