

### Answer Key for Lesson 11-7

The table refers to similar figures. Complete the table.

	# 1	# 2	# 3	# 4	# 5	# 6
Scale Factor			<b>9: 5</b>	<b>3: 13</b>	<b>5: 1</b>	<b>3: 8</b>
Ratio of Perimeters	<b>1: 4</b>	<b>3: 2</b>			<b>5: 1</b>	<b>3: 8</b>
Ratio of Areas	<b>1: 16</b>	<b>9: 4</b>	<b>81: 25</b>	<b>9:169</b>		

7) 3:4 for both

8)  $125 \text{ cm}^2$

9) 18.75 m

10) 9: 7

5: 4

11) 1: 2

1: 4

12) 3: 4

3: 7