

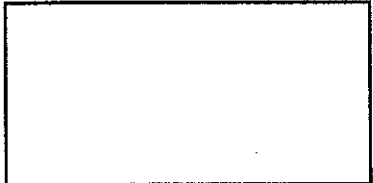
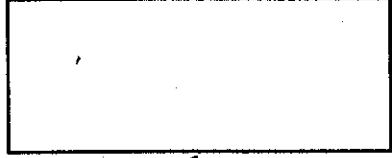


Standard 7.G.1 (M)

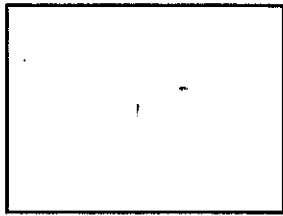
Changing Sizes

Directions: Determine the perimeter and area of each figure below. Then, use the given scale factor to determine the perimeter and area of the scale drawing of each figure.

1.	 <p style="text-align: center;">12 cm</p>	<p>Scale factor: 3</p>	
	<p>Figure Perimeter: _____ Area: _____</p> <p>Scale Drawing Perimeter: _____ Area: _____</p>		
2.	 <p style="text-align: center;">6 in.</p>	<p>Scale factor: 3.5</p>	
	<p>Figure Perimeter: _____ Area: _____</p> <p>Scale Drawing Perimeter: _____ Area: _____</p>		
3.	 <p style="text-align: center;">8 ft</p>	<p>Scale factor: 0.25</p>	
	<p>Figure Perimeter: _____ Area: _____</p> <p>Scale Drawing Perimeter: _____ Area: _____</p>		
4.	 <p style="text-align: center;">$2\frac{1}{2}$ yd</p>	<p>Scale factor: $\frac{1}{5}$</p>	
	<p>Figure Perimeter: _____ Area: _____</p> <p>Scale Drawing Perimeter: _____ Area: _____</p>		

continue to next page

5.



6.7 in.

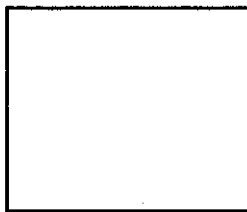
Scale factor: 10

9 in.

Figure Perimeter: _____ Area: _____

Scale Drawing Perimeter: _____ Area: _____

6.



$3\frac{3}{4}$ cm

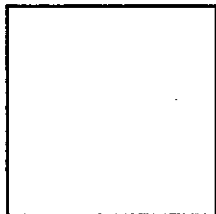
Scale factor: $2\frac{1}{2}$

$4\frac{1}{2}$ cm

Figure Perimeter: _____ Area: _____

Scale Drawing Perimeter: _____ Area: _____

7.



10 ft

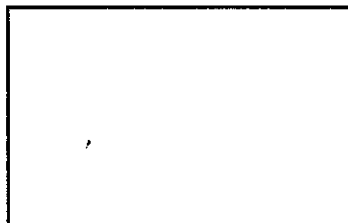
Scale factor: 0.6

10 ft

Figure Perimeter: _____ Area: _____

Scale Drawing Perimeter: _____ Area: _____

8.



7 in.

Scale factor: 1.5

11 in.

Figure Perimeter: _____ Area: _____

Scale Drawing Perimeter: _____ Area: _____

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