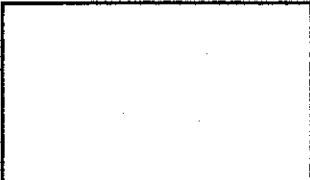
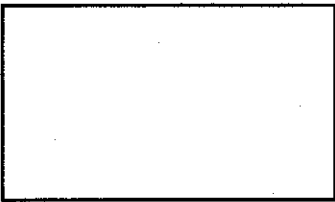

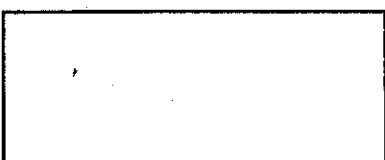


Standard 7.G.1 (M)

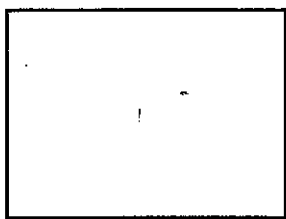
Changing Sizes

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 style="text-align: right;">Scale factor: 3</p> <p style="text-align: right;">7 cm</p> <p>Figure Perimeter: _____ Area: _____</p> <p>Scale Drawing Perimeter: _____ Area: _____</p>
2.	 <p style="text-align: center;">6 in.</p>	<p style="text-align: right;">Scale factor: 3.5</p> <p style="text-align: right;">3.5 in.</p> <p>Figure Perimeter: _____ Area: _____</p> <p>Scale Drawing Perimeter: _____ Area: _____</p>
3.	 <p style="text-align: center;">8 ft</p>	<p style="text-align: right;">Scale factor: 0.25</p> <p style="text-align: right;">4 ft</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 style="text-align: right;">Scale factor: $\frac{1}{5}$</p> <p style="text-align: right;">1 yd</p> <p>Figure Perimeter: _____ Area: _____</p> <p>Scale Drawing Perimeter: _____ Area: _____</p>

continue to next page

5.



6.7 in.

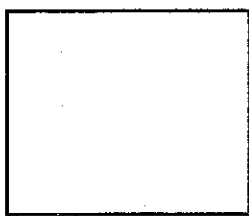
9 in.

Scale factor: 10

Figure Perimeter: _____ Area: _____

Scale Drawing Perimeter: _____ Area: _____

6.



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

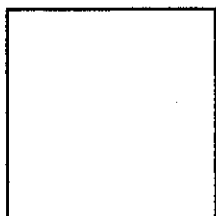
$4\frac{1}{2}$ cm

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

Figure Perimeter: _____ Area: _____

Scale Drawing Perimeter: _____ Area: _____

7.



10 ft

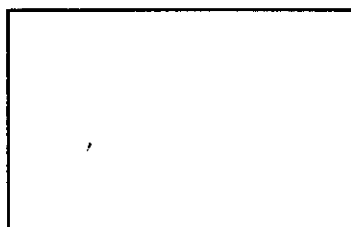
10 ft

Scale factor: 0.6

Figure Perimeter: _____ Area: _____

Scale Drawing Perimeter: _____ Area: _____

8.



7 in.

11 in.

Scale factor: 1.5

Figure Perimeter: _____ Area: _____

Scale Drawing Perimeter: _____ Area: _____

continue to next page