Perimeter and Area Problems

1. A rectangle has a base that is 3 times as long as its height. The perimeter is 64 cm. What is the area?
2. The large square in the figure below has an area of 1225 cm². The rectangle has a perimeter of 98 cm. The length is 7cm longer than the width. Find the perimeter and area of the whole figure.
3. The perimeter of the trapezoid below is 150 cm. Find the area.

x

3x

X + 5

2x + 5