Name : _____

Perimeter and Area

1) M and N are similar rhombuses. The areas of M and N are 75 square inches and 243 square inches respectively. What will be the perimeter of M, if the perimeter of N is 54 inches?

_____

2) The perimeters of similar trapezoids V and W are 46.8 yards and 63 yards respectively. If the area of trapezoid W is 122.5 square yards, find the area of trapezoid V.

_____

3) Q and R are similar _____ _____ square feet and 49 square feet respectively. Find t_____

_____

4) Two figures are sim_____ _____ s. If the area of the larger figure is 216 squar_____

_____

5) The areas of two re_____ _____ re feet. What is the perimeter of each _____

_____

6) The perimeters of two similar quadrilaterals are 15 yards and 19.5 yards. Find the area of each quadrilateral, if the sum of their areas is 10.76 square yards.

_____