Name : _____

Perimeter and Area

1) M and N are similar rhombuses. The areas of M and N are 75 mm² and 243 mm² respectively. What will be the perimeter of M, if the perimeter of N is 54 mm?

_____

2) The perimeters of similar trapezoids V and W are 46.8 m and 63 m respectively. If the area of trapezoid W is 122.5 m², find the area of trapezoid V.

_____

3) Q and R are similar _____ ² and 49 cm² respectively. Find the perimeter _____

_____

4) Two figures are sim _____ he area of the larger figure is 216 mm², _____

_____

5) The areas of two re _____ the perimeter of each pentagon, if the su _____

_____

6) The perimeters of two similar quadrilaterals are 15 m and 19.5 m. Find the area of each quadrilateral, if the sum of their areas is 10.76 m².

_____