Name : _____

Perimeter and Area

1) A and B are regular octagons. The scale factor of A to B is 2.5 : 4. If the perimeter of octagon B is 64 inches, find the perimeter of octagon A.

   _____

2) U and V are similar figures. The scale factor of V to U is 5 : 1. What would be the area of figure U, if the area of figure V

   _____

3) Two trapezoids are   meter of the smaller trapezoid is 4 feet,

   _____

4) M and N are equila   d the area of triangle M is 320 square inche

   _____

5) R and S are similar rectangles. The scale factor of R to S is 9 : 2. If the perimeter of rectangle S is 15.3 feet, find the perimeter of rectangle R.

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