Name : _____
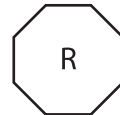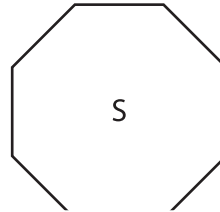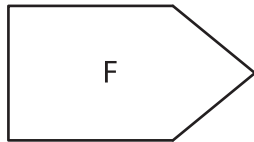
Scale Factors - Area

Each pair of figures is similar. Find the missing area. (A denotes Area)

1) Scale factor of E to F is 5 : 9

E

F

A = 100 ft²

Area of figure F =

2) Scale factor of R to S is 3 : 4.4

S

R

A = ?

3) Scale factor of C to

D

A = ?

Area of figure D =

PREVIEW

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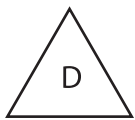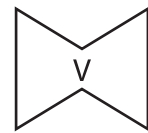
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/ to V is 6 : 1

V

A = 14 ft²

=

=

5) U and T are similar   of figure T is 108 square
   inches, find the are

_____

6) The scale factor of two similar trapezoids is 8 : 4.7. If the area of the larger trapezoid is 256 square yards, what would be the area of the smaller trapezoid?

_____