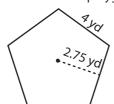
Area of a Polygon

Example:

Find the area of the polygon.



Perimeter = number of sides \times side length

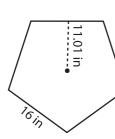
$$= 5 \times 4 = 20 \text{ yd}$$

Area = $\frac{1}{2}$ × apothem × perimeter

$$=\frac{1}{2}\times 2.75\times 20=$$
 27.5 yd²

Find the area of each polygon using the given apothem. Round your answer to two decimal places.

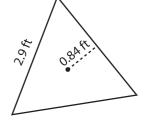
1)



Area =

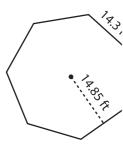
PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!



Area = _____

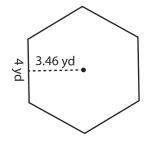
4)



Area =

Members, please log in to download this worksheet. Not a member?
Please sign up to
gain complete
access.

www.mathworksheets4kids.com



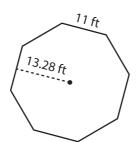
Area =

7)



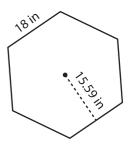
Area =

8)



Area =

9)



Area =