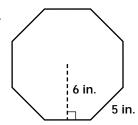
## Practice 5-6

Example Exercises

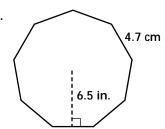
## Example 1

Find the area of each regular polygon to the nearest whole number.

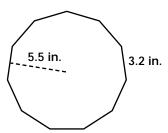
1.



2.



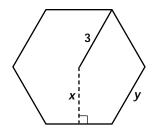
3.



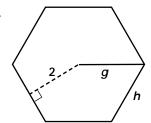
## Example 2

Find the value of the variables for each regular hexagon. An apothem and a radius are drawn. Leave your answer in simplest radical form.

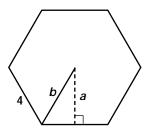
4.



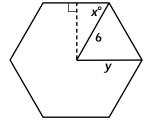
5.



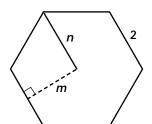
6.



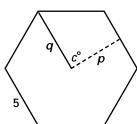
7.



8.



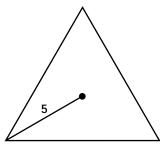
9.



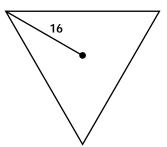
## Example 3

Find the area of each equilateral triangle given the radius. Leave your answer in simplest radical form.

10.



11.



12.

