$\qquad$
$\qquad$ Date $\qquad$

The area of a circle can be found using the formula $A=\pi r^{2}$ where $r$ is the radius of the circle. Calculate the area of each shaded region. Use 3.14 for $\pi$.

1.



4.


The area of the shaded region is given. Find each missing measure.
6. Area $=108$ in $^{2}$

7. $A=768 \mathrm{ft}^{2}$


