Example:

Area of shaded region = \( (\text{Area of outer circle}) - (\text{Area of inner circle}) \)

\[ = \pi R^2 - \pi r^2 \]

\[ = \pi (R^2 - r^2) \]

\[ = \pi (8^2 - 5^2) \]

\[ = \pi (64 - 25) \]

\[ = 39\pi \text{ ft}^2 \]

Find the exact area of each shaded region.

1) 

Area = 

2) 

Area = 

3) 

Area = 

4) 

Area = 

5) 

Area = 

6) 

Area = 

7) 

Area = 

8) 

Area = 

9) 

Area =
Find the exact area of each shaded region.

Example:
Area of shaded region = (Area of outer circle) - (Area of inner circle)

\[
\begin{align*}
\text{Area} &= \pi R^2 - \pi r^2 \\
&= \pi (R^2 - r^2) \\
&= \pi (8^2 - 5^2) \\
&= \pi (64 - 25) \\
&= 39\pi \text{ ft}^2
\end{align*}
\]

1) Area = \boxed{95\pi \text{ yd}^2}

2) Area = \boxed{96\pi \text{ in}^2}

3) Area = \boxed{224\pi \text{ ft}^2}

4) Area = \boxed{63\pi \text{ in}^2}

5) Area = \boxed{45\pi \text{ ft}^2}

6) Area = \boxed{80\pi \text{ yd}^2}

7) Area = \boxed{85\pi \text{ yd}^2}

8) Area = \boxed{105\pi \text{ in}^2}

9) Area = \boxed{192\pi \text{ ft}^2}