

1. a) $A = 169\pi \text{ cm}^2$

b) $A = 254.47 \text{ in}^2$

2. $r = 10.17 \text{ ft}$

3. a) Area of sector = 232.62 in^2

b) Area of sector = 22.38 ft^2

4. $m\angle FPT = 67.14^\circ$