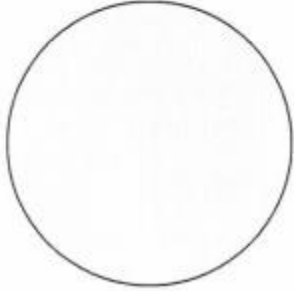


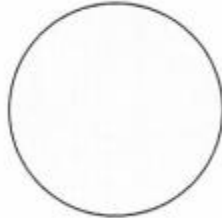
Area of Circles

Find the area in terms of π and the approximation using 3.14 for π rounded to the hundredth place.

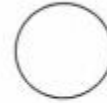
1) $A = \frac{\quad}{r = 12 \text{ in}}$



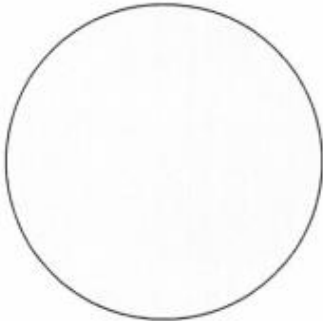
2) $A = \frac{\quad}{r = 10 \text{ cm}}$



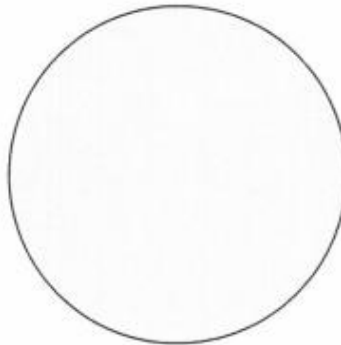
3) $A = \frac{\quad}{r = 2 \text{ mm}}$



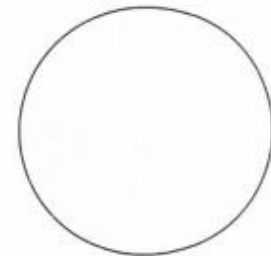
4) $A = \frac{\quad}{r = 15 \text{ ft}}$



5) $A = \frac{\quad}{r = 20 \text{ yd}}$



6) $A = \frac{\quad}{r = 8}$



7. Find the radius of a circle with an area of 28.26 in^2 .
8. Find the diameter of a circle with an area of $20.25 \pi \text{ in}^2$.
9. Find the diameter of a circle with an area of $169 \pi \text{ in}^2$.
10. Find the radius of a circle with an area of 200.96 ft^2 .