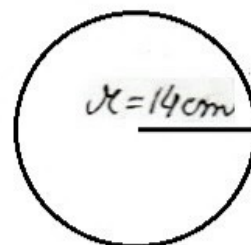
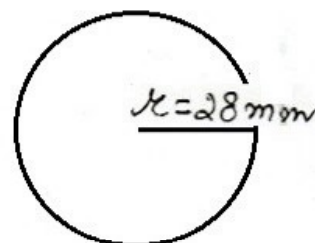


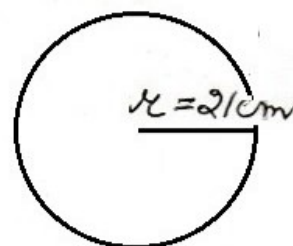
1 (a) circumference = $2\pi r$
 $= 2 \times \frac{22}{7} \times 14$
 $= 88 \text{ cm}$



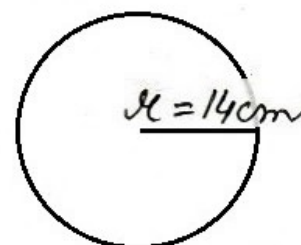
(b) circumference = $2\pi r$
 $= 2 \times \frac{22}{7} \times 28$
 $= 176 \text{ mm}$



(c) circumference = $2\pi r$
 $= 2 \times \frac{22}{7} \times 21$
 $= 132 \text{ cm}$



2 (a) area of \odot = πr^2
 $= \frac{22}{7} \times 14 \times 14$
 $= 616 \text{ mm}^2$



(b) radius = $\frac{\text{diameter}}{2} = \frac{49}{2} \text{ m}$

area of \odot = πr^2
 $= \frac{22}{7} \times \frac{49}{2} \times \frac{49}{2}$
 $= \frac{3773}{2}$
 $= 1886.5 \text{ m}^2$

