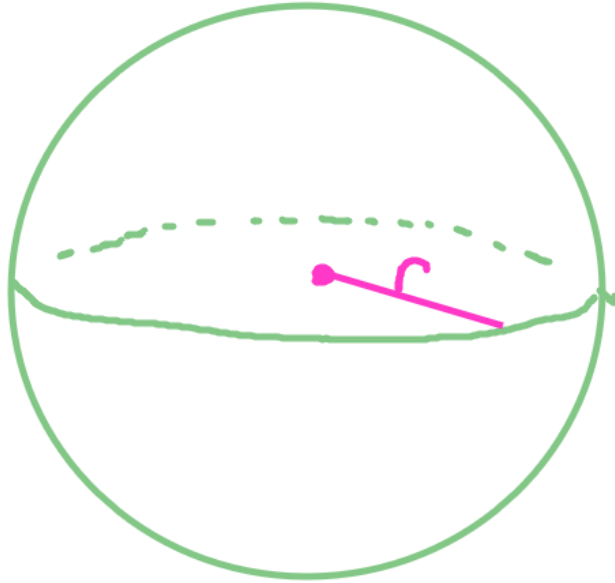


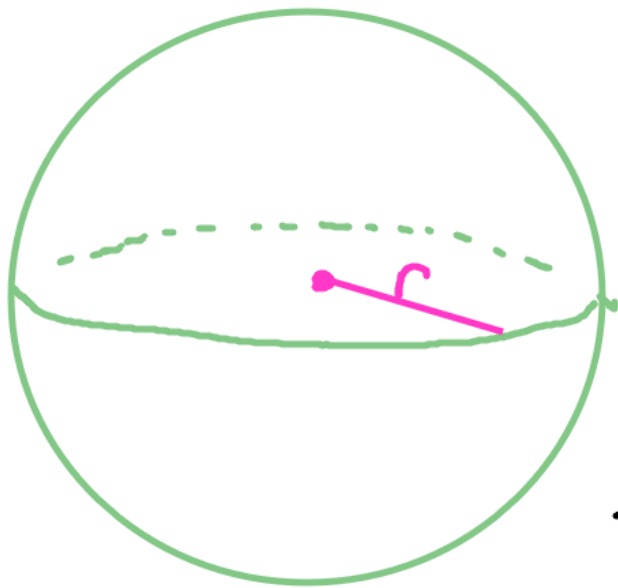
SPHERES

$$V = \frac{4}{3} \pi r^3$$



SPHERES

$$V = \frac{4}{3} \pi r^3$$



Men $C = 29.5$ inches

$$r = 4.7 \text{ in}$$

$$V = \frac{4}{3} \pi (4.7)^3$$

$$= 434.89 \text{ in}^3 = 138.43 \pi \text{ in}^3$$

↑ "round to nearest hundredth"

"in terms of π "

Women $C = 38.5$ in

$$r = 4.5 \text{ in}$$

$$V = \frac{4}{3} \pi (4.5)^3$$

$$= 381.70 \text{ in}^3$$

$$= 121.5 \pi \text{ in}^3$$

SURFACE AREA

$$SA = 4\pi r^2$$

$$M: r = 4.7 \text{ in}$$

$$W: r = 4.5 \text{ in}$$



$$SA = 4\pi(4.7)^2$$

$$SA = 4\pi(4.5)^2$$

$$= 277.54 \text{ in}^2$$

$$= 254.47 \text{ in}^2$$

$$= 88.36\pi \text{ in}^2$$

$$= 81\pi \text{ in}^2$$

- * 1) pg 490 5-10, 19-28
- 2) KWA Spheres
- 3) Worksheet 1D-9 Practice A

May 18 - Review Assignment (book)

↳ (no SA problems!)

Test Due IF May 22

Test will have SA problems!