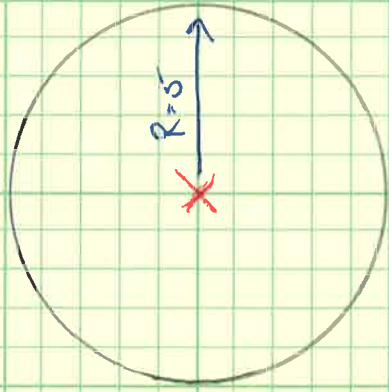


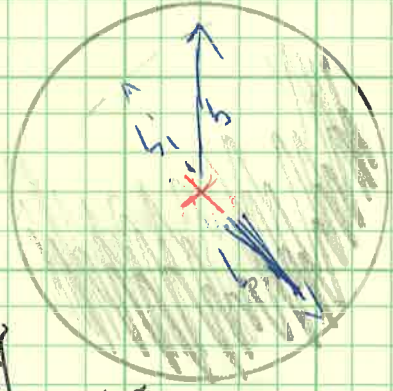
- 1) $C = 2\pi r$
- 2) $C = 2\pi r$
- 3) $A = \pi r^2$
- 4) $V = \frac{4\pi r^3}{3}$



Circle/Sphere/Cylinder/Con

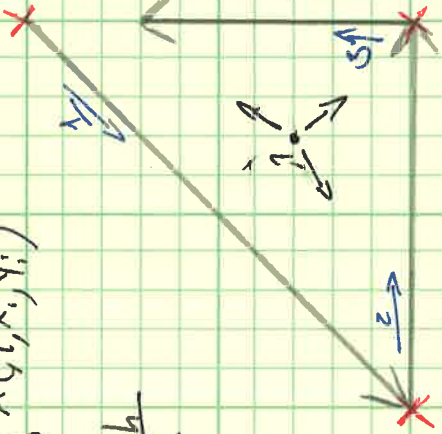
$$5) V_{\text{cone}} = \frac{A(\text{base}) * h}{3}$$

$$6) V_{\text{cyl}} = A(\text{base}) * h$$



- 1A) $w = \text{proj} - x()$
- 1B) $h = \text{proj} - y()$
- 2) $d = \sum_{i=0}^n \text{len}(i)$
- 3) $A = \sum_{i=0}^n A(i, x_i, y_i)$

$$\alpha = \frac{w * h}{2}$$



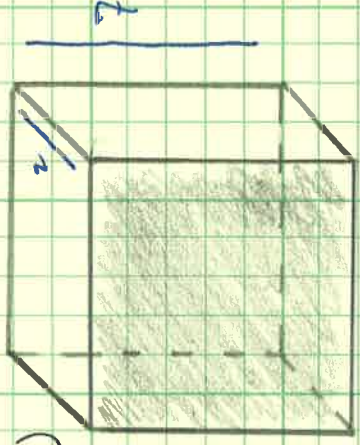
Triangle/Tetrahedron

Base = 1 side
h = of tetra
not triangle

$$A = h * w$$

$$1C) e = \text{proj} - z()$$

$$V = h * w * e$$



Square/Cube/Box

$$V = \sum_{i=0}^n \sqrt{\left(\hat{x}_i, \hat{y}_i, \hat{z}_i\right)}$$

$$V = \frac{A(\text{base}) * h}{3}$$