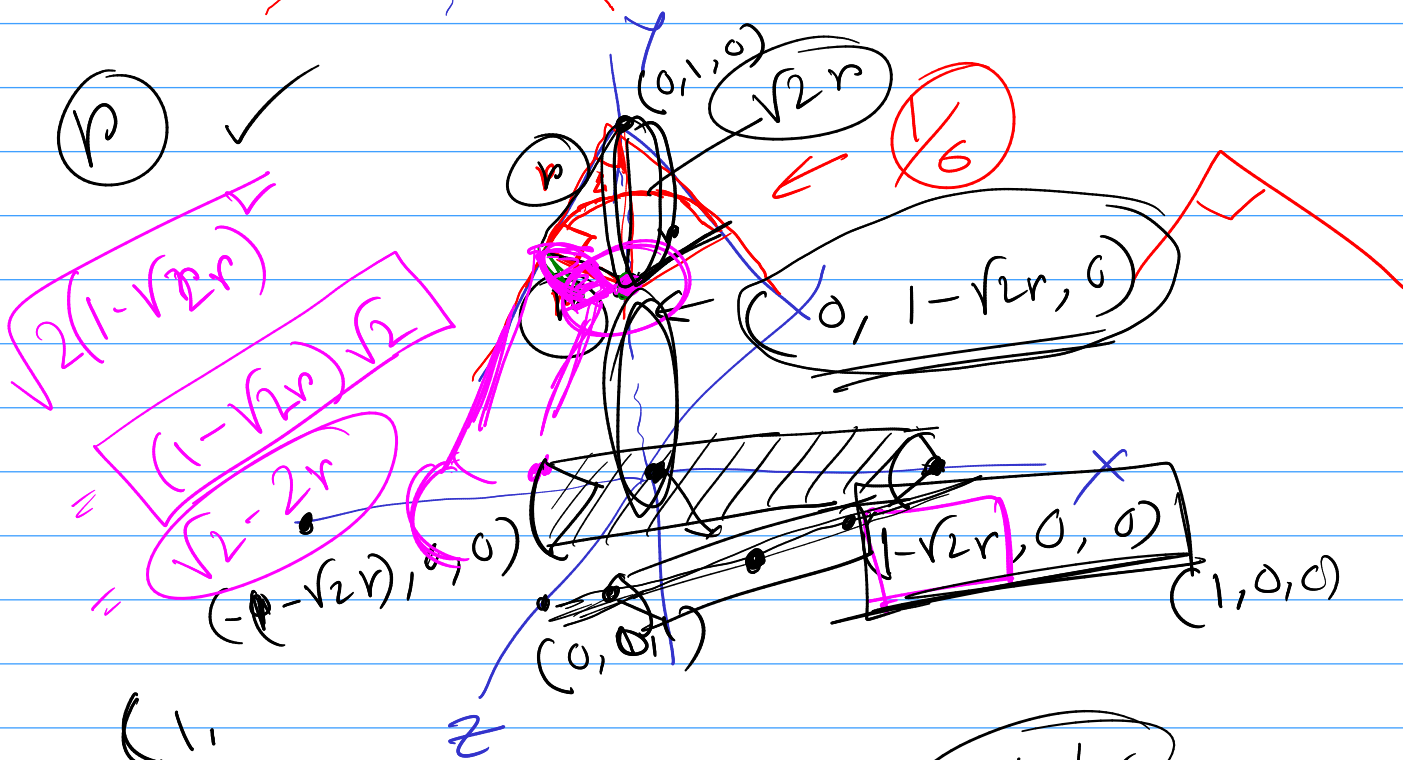
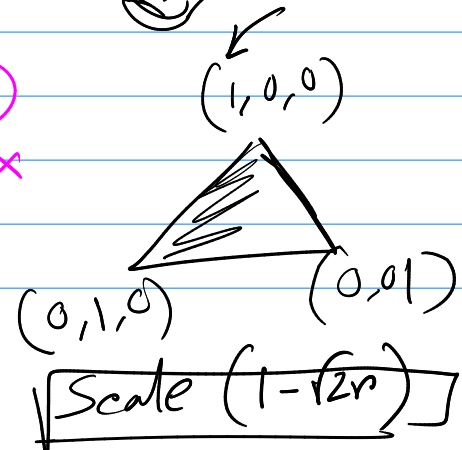
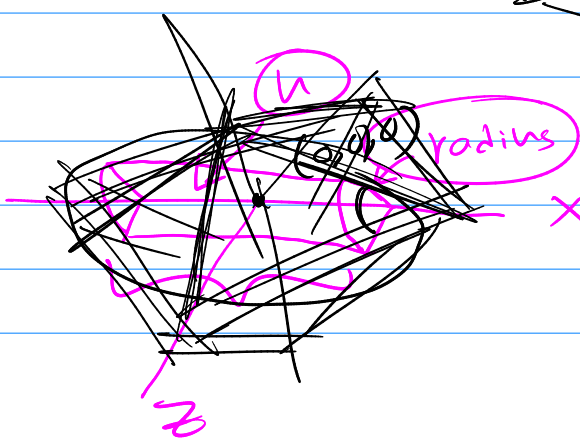
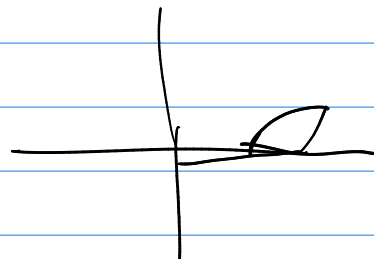
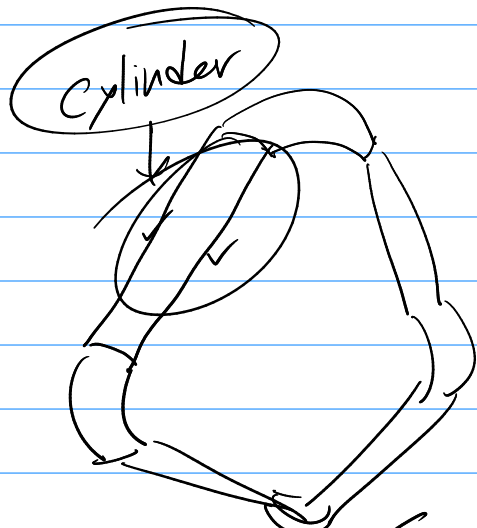
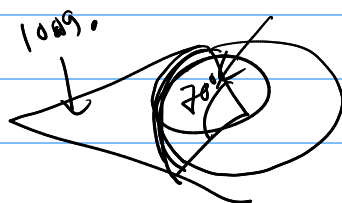


(p) ✓



(1)


(p) →



$\chi \in A \text{ is}$

$$X: A \times I$$

scale (n)



A handwritten letter 'v' in pink ink, enclosed within a pink oval. The oval is drawn with a thick pink line, and the letter 'v' is also in pink. The entire graphic is set against a white background.

translate $(1 - \sqrt{2}r, 0, 0)$

Q.7) Axis - Rotate

$$(w, r)$$

Cylinder

$v \neq \text{Sphere} \rightarrow v$

~~(Scale)~~

$$h = (\sqrt{2} - 2r)$$

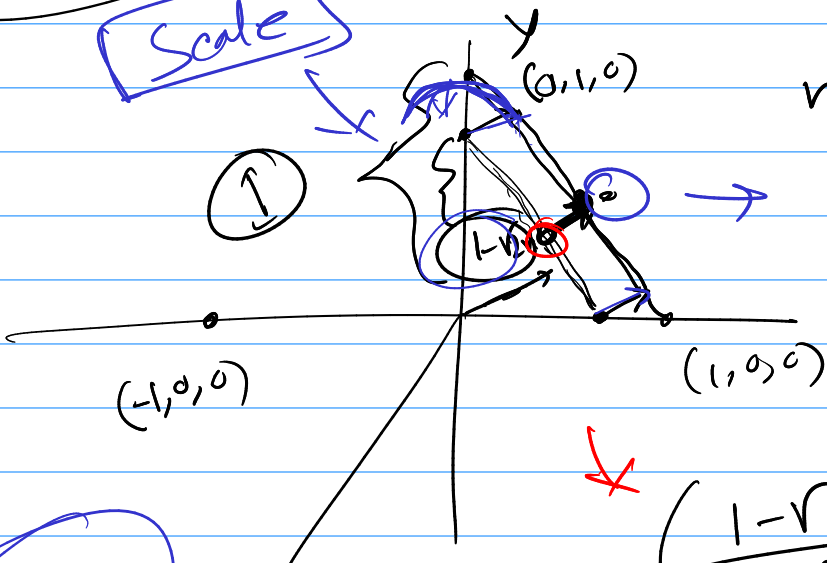
translate

$$\frac{1-\sqrt{2}r}{2}, 0, \frac{1-\sqrt{2}r}{2}$$

mid point

$$\rightarrow \frac{1}{2} ((0, 0, 1 - \sqrt{2}r) + (1 - \sqrt{2}r, 0, 0))$$

scale



$n \uparrow \quad \downarrow$

$$\left(\frac{14}{3}, \frac{1}{3}, \frac{1}{3}\right)$$
$$\left(\frac{1-\sqrt{2}r}{3}, \frac{1-\sqrt{2}r}{3}, \frac{1-\sqrt{2}r}{3} \right)$$
$$\left(\frac{\sqrt{2}r}{3}, \frac{\sqrt{2}r}{3}, \frac{\sqrt{2}r}{3} \right)$$

Translate