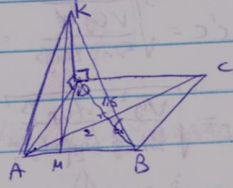
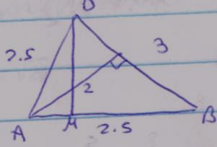


4.3 ⑥

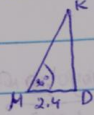


4.3 ⑥ (AB) p'ic s'c) AB d' S-n p'ic/1m p'ic

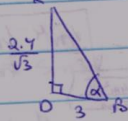


$$AB = AD = \sqrt{1.5^2 + 2^2} = 2.5$$

$$S_{ADB} = \frac{DM \cdot AB}{2} = \frac{2.4 \cdot 2}{2} \rightarrow DM = \frac{6}{2.5} = 2.4$$



$$KD = 2.4 \tan 30 = \frac{2.4}{\sqrt{3}}$$

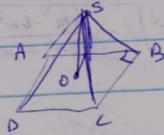


$$\tan \alpha = \frac{2.4}{3} = \frac{0.8}{\sqrt{3}}$$

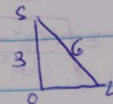
⑦

$$V = \frac{1}{3} S_{ABCD} \cdot KD = \frac{1}{3} \cdot 6 \cdot \frac{0.8}{\sqrt{3}} = \frac{1.6}{\sqrt{3}}$$

4.4 ⑩



(AB) p'ic s'c) AB d' S-n p'ic/1m p'ic



$$V = \frac{1}{3} S_{ABCD} \cdot SO = \frac{1}{3} (6\sqrt{3})^2 \cdot 3 = 108$$

$$AB = 2OL = 6\sqrt{3}$$

$$OL = \sqrt{6^2 - 3^2} = \sqrt{27} = 3\sqrt{3}$$

⑪



$$\sin \alpha = \frac{3}{6} = \frac{1}{2} \rightarrow \alpha = 30^\circ$$