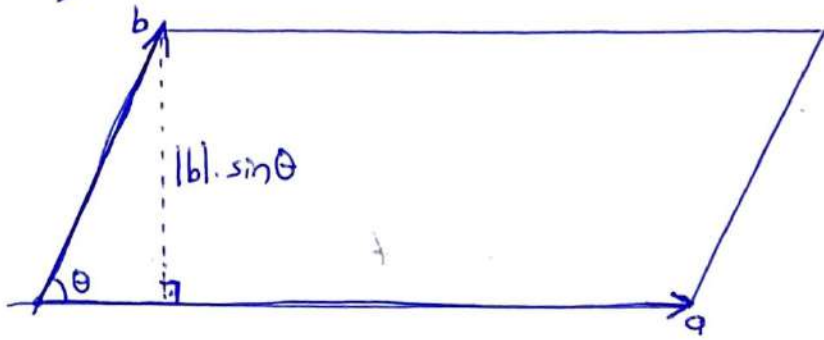
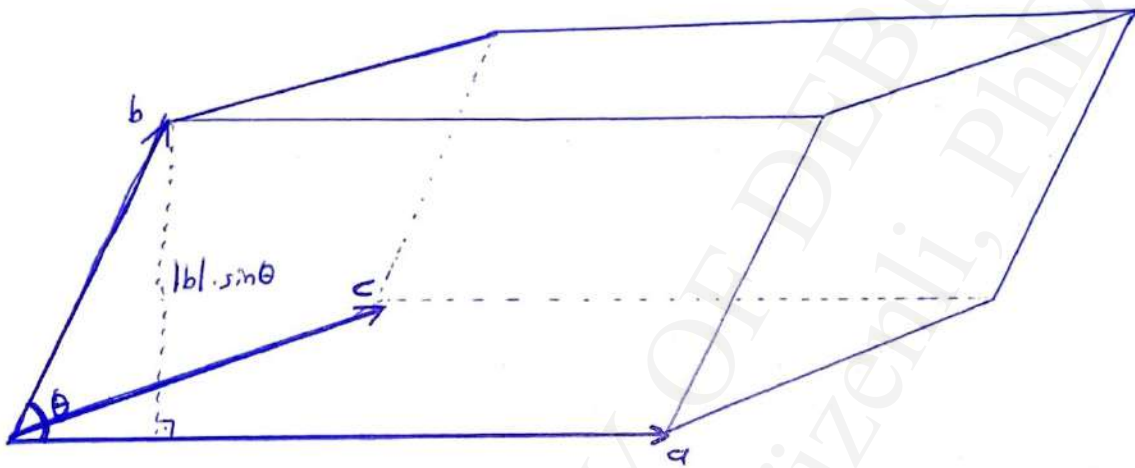


5)



Parallelogram

$$\begin{aligned} \text{Area} &= |a| \cdot |b| \cdot \sin \theta \\ &= (\vec{a} \times \vec{b}) \end{aligned}$$



Parallelepiped

$$\text{Volume} = \text{Height} \times \text{Area}$$

$$\begin{aligned} \text{Volume} &= |a| \cdot |b| \cdot \sin \theta \cdot |c| \\ &= |(\vec{a} \times \vec{b}) \cdot \vec{c}| \end{aligned}$$