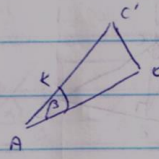
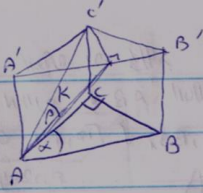


3.42  
6



$$S_{ABC} = \frac{AB \cdot CB}{2} = \frac{AB \cdot e'o}{2}$$

$$AB^2 \cdot \cos \alpha \sin \alpha = AB \cdot k \sin \beta$$

$$AC = AB \cos \alpha$$

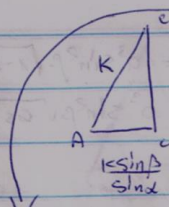
$$CB = AB \sin \alpha$$

$$AB = \frac{k \sin \beta}{\sin \alpha \cos \alpha}$$

$$AC = AB \cos \alpha = \frac{k \sin \beta}{\sin \alpha}$$

$$CB = AB \sin \alpha = \frac{k \sin \beta}{\cos \alpha}$$

perimeter  
 $n_{CC} = (AC + CB + AB) C'C$



$$C'C = \sqrt{k^2 - \frac{k^2 \sin^2 \beta}{\sin^2 \alpha}} = \frac{k}{\sin \alpha} \sqrt{\sin^2 \alpha - \sin^2 \beta}$$

$$= \left( \frac{k \sin \beta}{\sin \alpha} + \frac{k \sin \beta}{\cos \alpha} + \frac{k \sin \beta}{\sin \alpha \cos \alpha} \right) \frac{k}{\sin \alpha} \sqrt{\sin^2 \alpha - \sin^2 \beta} =$$

$$= \frac{k^2 \sin \beta}{\sin^2 \alpha \cos \alpha} (1 + \sin \alpha + \cos \alpha) \sqrt{\sin^2 \alpha - \sin^2 \beta}$$