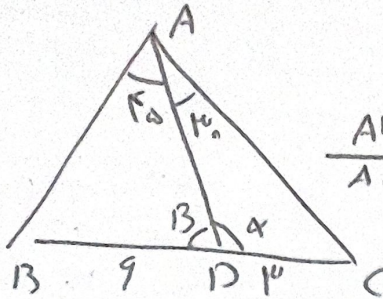
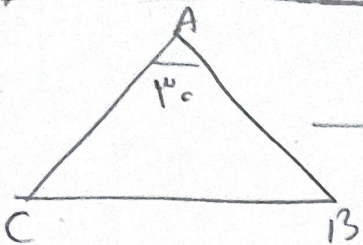


γ



$$\frac{AB}{AC} \cdot \rho \rightarrow \frac{AB}{\frac{AB}{\sin B}} \cdot \frac{AB}{AC} \cdot \frac{1}{\sqrt{F}} \cdot \frac{1}{\sqrt{F}} \cdot \frac{1}{\sqrt{F}} = \frac{1}{\sqrt{F}}$$



$$\rightarrow S_{ABC} = \frac{1}{r} \times AC \times AB \times \sin 90^\circ = \frac{1}{r} \times \log \frac{1}{r} \times \log \frac{r}{r} \times \frac{1}{r} =$$

$$\frac{1}{r} \times \frac{\log \frac{1}{r}}{\log r} \times \frac{\log r}{\log r} \times \frac{1}{r} = \frac{1}{r} \quad \text{✓}$$

$$\frac{r \cos^k \alpha - r \sin^k \alpha (\cancel{r \sin^k \alpha} - 1)}{\cos^k \alpha} \mid \frac{r \cdot \cos \alpha}{\cos^k \alpha} \rightarrow r \cos \alpha \rightarrow r \cos^k \alpha - \cancel{\cos^k \alpha} - r \sin^k \alpha + \sin^k \alpha = 1$$

$$\cos \alpha$$

$$r(\cos^k \alpha - \sin^k \alpha)(\cancel{\cos^k \alpha} - \sin^k \alpha) - \cos^k \alpha + \sin^k \alpha \rightarrow \cos^k \alpha - \sin^k \alpha = 1$$

$$\cancel{\sin^k \alpha \cos \alpha} - \sin^k \alpha \cos \alpha - \cancel{\cos^k \alpha} = 0 \leftarrow \cos^k \alpha = 1$$

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