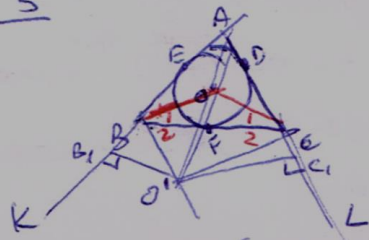


1.35
5



$$\angle KACL = \angle KBA = 180^\circ \quad \text{.lc}$$

$$\angle KB_1 + \angle KB_2 = \frac{1}{2} \angle KBA = 90^\circ$$

$$\angle KC_1 + \angle KC_2 = \frac{1}{2} \angle KACL = 90^\circ$$

$$\angle KOC_1 + \angle KOB_1 = 180^\circ$$

∠KOC₁ + ∠KOB₁ = 180° → ∠OC₁O'B ←

(r' (projka ploski) AC → AB & O'N projka 311) →

→ ∠KOB₁ & ∠B₁O'A

$$(S.3.3) \triangle AB_1O' \cong \triangle AC_1O'$$

$$B_1O' = r' = C_1O'$$

$$\angle O'B_1A = 90^\circ = \angle O'C_1A$$

· DC = FC = z, BE = BF = y, AD = AE = x | NO!

$$S_{ABC} = S_{ABO'} + S_{ACO'} - S_{BO'C}$$

$$= r' \cdot \frac{x+y}{2} + r' \cdot \frac{x+z}{2} - r' \cdot \frac{y+z}{2} = \frac{2r'x}{2} = r'x$$

je 33N

$$S_{ABC} = r \cdot p$$

$$rp = r'x \rightarrow \frac{r}{r'} = \frac{x}{p}$$