PS - ŘEŠENÍ

29/2 c) $\kappa \cong \mu = 109°23'$

$\nu \cong \lambda = ?$

$\kappa + \lambda + \mu + \nu = 360°$

$2 \cdot \lambda = 360° - 2 \cdot \kappa$

$2 \cdot \lambda = 360° - 2 \cdot 109°23'$

$2 \cdot \lambda = 360° - 218°46'$

$2 \cdot \lambda = 359°60' - 218°46'$

$2 \cdot \lambda = 141°14'$

$\lambda = 141°14' : 2$

$\lambda = 70°37'$

NEBO:

$\kappa + \lambda = 180°$

$\lambda = 179°60' - 109°23'$

$\lambda = 70°37'$

$\lambda \cong \nu = 70°37'$

$\kappa \cong \mu = 109°23'$

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d) $\alpha \cong \rho = 152°47'$

$\pi \cong \sigma = ?$

$\alpha + \pi + \rho + \sigma = 360°$

$2 \cdot \alpha + 2 \cdot \pi = 360°$

$2 \cdot \pi = 360° - 2 \cdot 152°47'$

$2 \cdot \pi = 360° - 304°94'$

$2 \cdot \pi = 359°60' - 305°34'$

$2 \cdot \pi = 54°26'$

$\pi = 54°26' : 2$

$\pi = 27°13'$

NEBO:

$\alpha + \pi = 180°$

$\pi = 179°60' - 152°47'$

$\pi = 27°13'$

$\alpha \cong \rho = 152°47'$

$\pi \cong \sigma = 27°13'$

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e) $\beta + 63° = 180°$

$\beta = 180° - 63°$

$\beta = 117°$

$\beta \cong \delta = 117°$

$\alpha \cong \gamma = ?$

$\alpha + \beta + \gamma + \delta = 360°$

$2 \cdot \alpha + 2 \cdot \beta = 360°$

$2 \cdot \alpha = 360° - 2 \cdot 117°$

$2 \cdot \alpha = 360° - 234°$

$2 \cdot \alpha = 126°$

$\alpha = 126° : 2$

$\alpha = 63°$

NEBO

$\alpha + \beta = 180°$

$\alpha = 180° - 117°$

$\alpha = 63°$

$\alpha \cong \gamma = 63°$

$\beta \cong \delta = 117°$