

$$\#1: \frac{3 \cdot x}{c} = \frac{\text{SIN}\left(\frac{3 \cdot \pi}{4} - \gamma\right)}{\text{SIN}(\gamma)}$$

$$\#2: \frac{x}{c} = \frac{\text{SIN}\left(\frac{\pi}{12}\right)}{\text{SIN}\left(\frac{2 \cdot \pi}{3}\right)}$$

$$\#3: \frac{3 \cdot x}{c} = \frac{\text{SIN}\left(\gamma + \frac{\pi}{4}\right)}{\text{SIN}(\gamma)}$$

$$\#4: \frac{x}{c} = \frac{\sqrt{2}}{2} - \frac{\sqrt{6}}{6}$$

$$\#5: \frac{3 \cdot x}{c} = \frac{\text{SIN}\left(\gamma + \frac{\pi}{4}\right)}{\text{SIN}(\gamma)}$$

$$\frac{x}{c} = \frac{\sqrt{2}}{2} - \frac{\sqrt{6}}{6}$$

$$\#6: 3 = \frac{\left(\frac{3 \cdot \sqrt{2}}{2} + \frac{\sqrt{6}}{2}\right) \cdot \text{SIN}\left(\gamma + \frac{\pi}{4}\right)}{\text{SIN}(\gamma)}$$

$$\#7: \gamma = \frac{17 \cdot \pi}{12} \vee \gamma = -\frac{7 \cdot \pi}{12} \vee \gamma = \frac{5 \cdot \pi}{12}$$

$$\#8: 3 = \frac{\sqrt{3} \cdot (\sqrt{3} + 1) \cdot \text{COT}(\gamma)}{2} + \frac{\sqrt{3}}{2} + \frac{3}{2}$$

$$\#9: 3 = y \cdot \left(\frac{\sqrt{3}}{2} + \frac{3}{2}\right) + \frac{\sqrt{3}}{2} + \frac{3}{2}$$

#10:

$$y = 2 - \sqrt{3}$$

#11:

$$\cot(\gamma) = 2 - \sqrt{3}$$

#12:

$$\gamma = \frac{17 \cdot \pi}{12} \vee \gamma = -\frac{7 \cdot \pi}{12} \vee \gamma = \frac{5 \cdot \pi}{12}$$