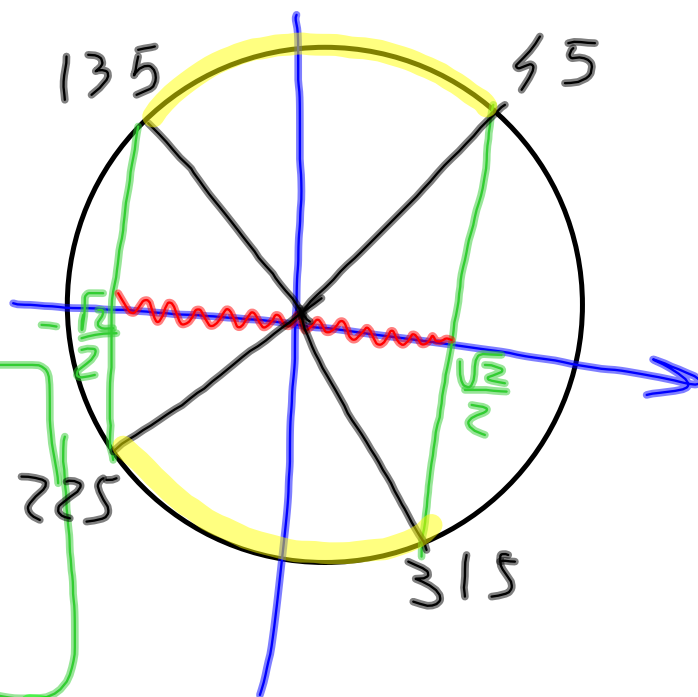


$$|\cos x| < \frac{\sqrt{2}}{2}$$

$$-\frac{\sqrt{2}}{2} < \cos x < \frac{\sqrt{2}}{2}$$



$$|x| < 3$$

$$-3 < x < 3$$

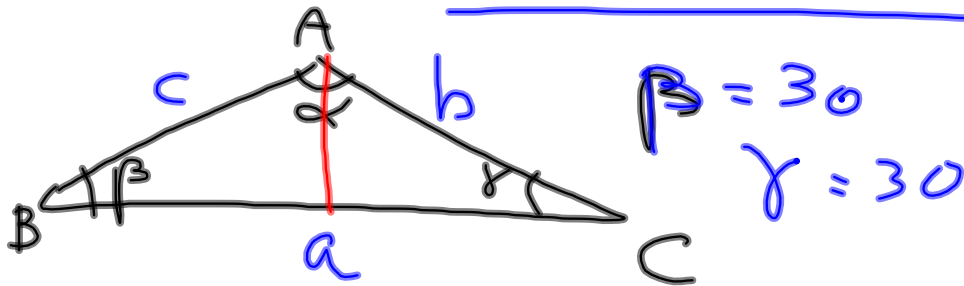
$$45 < x < 135$$

$$\downarrow$$

$$225 < x < 315$$

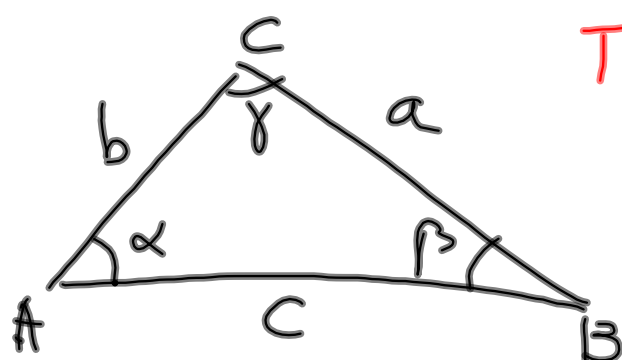
$$45 + k180 < x < 135 + k180$$

Triangolo isoscele. $\overline{BC} = 16 \text{ cm} = a$
 $\alpha = 120^\circ$



$$b = c \quad \frac{a}{2} = b \cos \gamma \Rightarrow b = \frac{a}{2 \cos \gamma}$$

$$b = \frac{16}{2 \cdot \frac{\sqrt{3}}{2}} = \frac{16}{\sqrt{3}} \text{ cm}$$



TEOREMA DI
CARMOT

$$a^2 = b^2 + c^2 - 2bc \cos \alpha$$

$$c^2 = a^2 + b^2 - 2ab \cos \gamma$$

$$b^2 = a^2 + c^2 - 2ac \cos \beta$$

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$$a = 2 \quad b = 2\sqrt{3}$$

$$\beta = 120^\circ$$

