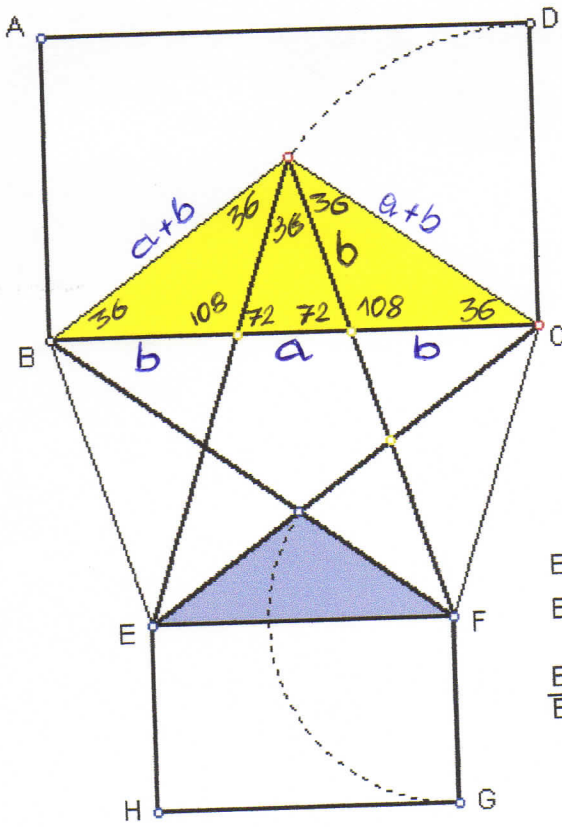


$AB = 3.995 \text{ cm}$   
 $BC = 6.464 \text{ cm}$   
 $\frac{BC}{AB} = 1.618$



$EB = 3.995 \text{ cm}$   
 $EH = 2.469 \text{ cm}$   
 $\frac{EB}{EH} = 1.618$

$$b \sin 18 = \frac{a}{2}$$

$$\frac{b}{a} = \frac{1}{2 \sin 18} = \frac{1 + \sqrt{5}}{2} = \Phi$$

$$" \Phi^2 = 1 + \Phi "$$

$$\frac{a+b}{b} = \frac{1}{\Phi} + 1 = \frac{1 + \Phi}{\Phi} = \frac{\Phi^2}{\Phi} = \Phi$$

$$\frac{a+2b}{a+b} = 1 + \frac{b}{a+b} = 1 + \frac{1}{\Phi} = \Phi$$

$$\frac{a+2b}{a+b} = \frac{a+b}{b} = \frac{b}{a} = \Phi \approx 1.61803$$

NÚMERO ÁUREO