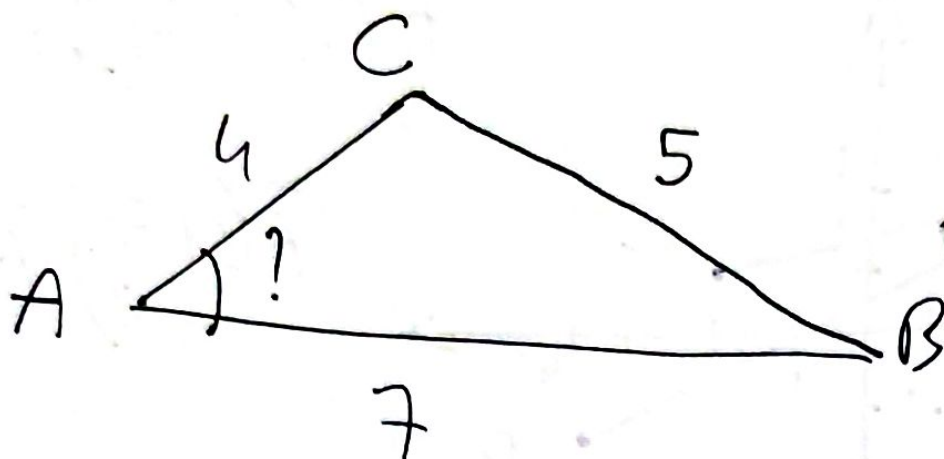
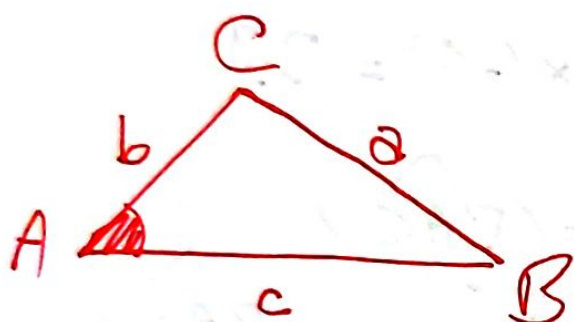




Formule d'Al-Kashi (≈ 1400)



$$a^2 = b^2 + c^2 - 2bc \cos \hat{A}$$

$$5^2 = 4^2 + 7^2 - 2 \times 4 \times 7 \times \cos \hat{A}$$

$$\cos \hat{A} = \frac{5^2 - 4^2 - 7^2}{-2 \times 4 \times 7} \approx 0,714$$

$$\hat{A} \approx 44,4^\circ$$