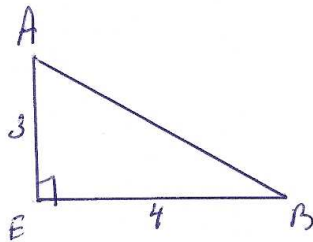


Exm^o 6 p 120

$\cos a = 1,6$ F car $\cos a \leq 1$ et positif

$\sin a = \frac{9}{5}$ F car $\sin a \leq 1$ et positif.

Exm^o 8 p 120



$AB = 5$ (Pythagore)

$\cos \hat{EAB} = \frac{3}{5}$ $\text{tg } \hat{EAB} = \frac{4}{3}$

$\sin \hat{EAB} = \frac{4}{5}$

$\cos \hat{EBA} = \frac{4}{5}$

$\sin \hat{EBA} = \frac{3}{5}$

$\text{tg } \hat{EBA} = \frac{3}{4}$

$\hat{EAB} = 53^{\circ} 7' 48'' 37$

$\hat{EBA} = 36^{\circ} 52' 11'' 63$

Exm^o 10 p 120

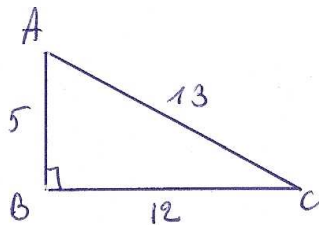
1^e $5^2 + 12^2 = 25 + 144 = 169 = 13^2$

2^e $7^2 + 11^2 = 49 + 121 = 170 \neq 169 = 13^2$

1^e $\hat{B} = 90^{\circ}$

$\cos A = \frac{5}{13}$

$\hat{A} = 67^{\circ} 22' 48'' 49$



$\cos C = \frac{12}{13}$

$\hat{C} = 22^{\circ} 37' 11'' 51$