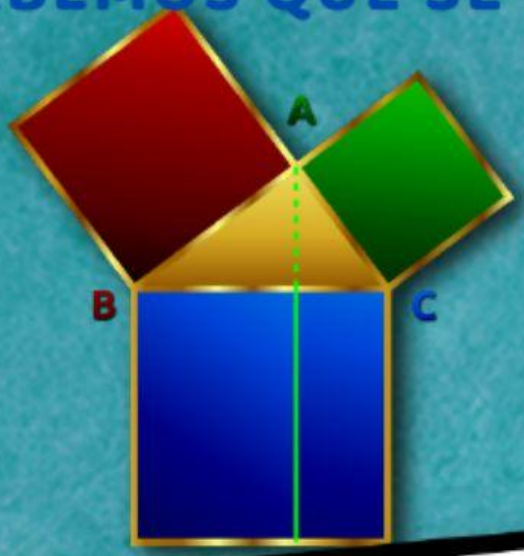
TEOREMA DE PITÁGORAS

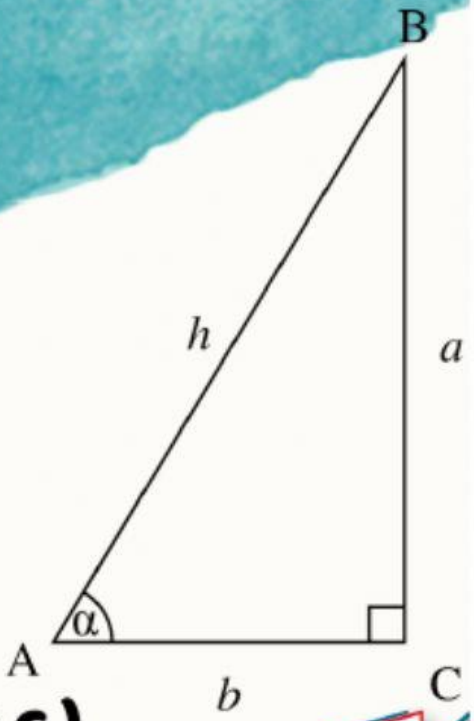
COMPROBAR SI ES UN TRIÁNGULO RECTÁNGULO

SABEMOS QUE SE HA DE CUMPLIR QUE:



$$a^2 + b^2 = c^2$$

¿Si: c=34, a=5 y b=3 se trata de un triángulo rectángulo?



Comprobamos:

(a x a)+(b x b)= (c x c)

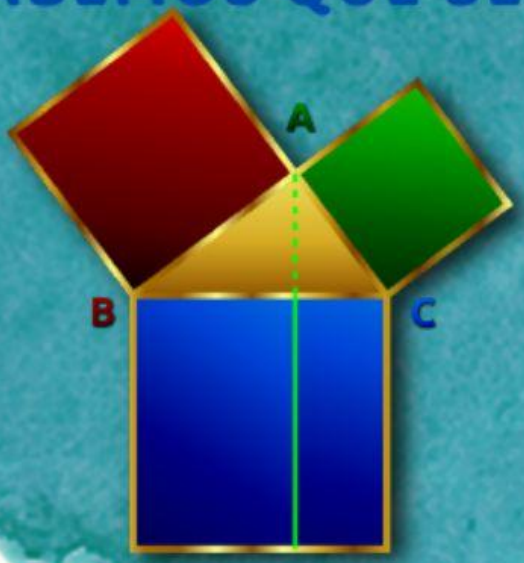
(5 x 5)+(3 x 3)= (c x c)

25+9= 34

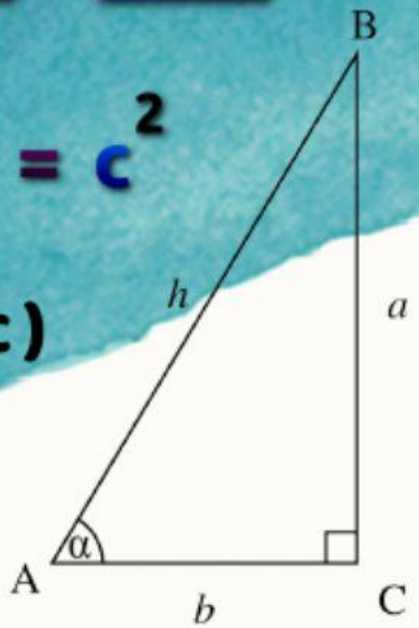
hipotenusa=c=34

Si es un triángulo rectángulo

SABEMOS QUE SE HA DE CUMPLIR QUE:



$$a^2 + b^2 = c^2$$



$$(a \times a) + (b \times b) = (c \times c)$$

Une las hipotenusas a sus triángulos para que sean rectángulos.

a= 4
b= 3

a= 15
b= 8

a= 20
b= 21

a= 9
b= 12

c = 29

c = 5

c = 17

c = 15