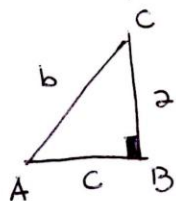


Ejercicio N° 5 Trigonometría Pág 40 Matemática 1B.

Triángulo I



Datos

Lado $a = 5$

Lado $c = 4$.

Incógnita

Lado b .

Resolución

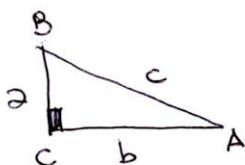
$$b^2 = a^2 + c^2$$

$$b^2 = 5^2 + 4^2$$

$$b = \sqrt{25 + 16}$$

$$b = 6,40312$$

Triángulo II



Datos

Lado $a = 2$

Lado $c = 6,324555$.

Incógnita

Lado b

Resolución

$$b^2 = c^2 - a^2$$

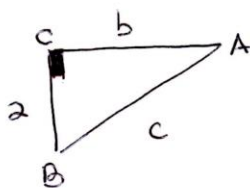
$$b^2 = 6,324555^2 - 2^2$$

$$b = \sqrt{40 - 4}$$

$$b = \sqrt{36}$$

$$b = 6$$

Triángulo III



Datos

Lado $a = 6$

Lado $c = 10$.

Incógnita

Lado b .

Resolución

$$b^2 = c^2 - a^2$$

$$b^2 = 10^2 - 6^2$$

$$b = \sqrt{100 - 36}$$

$$b = \sqrt{64}$$

$$b = 8$$