Mathematic-Logic Model

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Algorithm

1. Leer X1, Y1, X2, Y2.
2. Calcular ∆Y = |Y2 - Y1|.
3. Calcular ∆X = |X2 - X1|.
4. Determinar ∆Y, ∆X.
5. Calcular A∎ = ∆X\* ∆Y
6. Mostrar ∆Y, ∆X, Show (A∎, ∆X, ∆Y).
   1. FindCase(∆Y, ∆X)
7. Si (∆Y=0 ||∆X=0)

Case = 1

1. Si (∆Y>0 && ∆X>0)

Case = 2

* 1. Show (∆Y, ∆X, A∎)

1. Si case = 1

Print “No existe un triángulo rectangulo”

1. Si case =2

Print “Area del rectángulo es” + A∎.

Show ∆Y, ∆X