



UA

Area of a triangle using Herons formula (with locals)

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! area = sqrt(p * p-a * p-b * p-c)
! where p = (a + b + c)/2 is perimeter
:: triangle-area ( a b c -- area )
 ab + c + 2 / :> p
 sqrt;
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Area of a triangle using Herons formula (with locals)

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! where p = (a + b + c)/2 is perimeter
:: triangle-area ( a b c -- area )
   a b + c + 2 / :> p
   p a - :> p-a
   p b - :> p-b
   p c - :> p-c
   p p-a * p-b * p-c *
   sqrt;
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Area of a triangle using Herons formula (with locals)

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! where p = (a + b + c)/2 is perimeter
:: triangle-area ( a b c -- area )
a b + c + 2 / :> p
p a - :> p-a
p b - :> p-b
p c - :> p-c
local variables
p p-a * p-b * p-c *
sqrt;
```