



UA

Area of a triangle using Herons formula (with locals)

```
! 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
  p a - :> p-a
  p b - :> p-b
  p c - :> p-c
  p p-a * p-b * p-c *
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   p c - :> p-c
   p p-a * p-b * p-c *
   sqrt;
Assignment operator
```

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    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;
    a lot more
    readable
```