
LOCALS

Area of a triangle using Herons formula

```
! given length of sides: a b c
! area = sqrt(p * p-a * p-b * p-c)
! where p = (a + b + c)/2 is perimeter
```

```
: triangle-area ( a b c -- area )
   3dup + + 2 /                    ! a b c p
   [ swap - ] keep [ rot ] dip     ! b p-c a p
   [ swap - ] keep [ rot ] dip     ! p-c p-b a p
   [ swap - ] keep                 ! p-c p-b p-a p
   * * * sqrt ;
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Too much Stack Manipulation!!