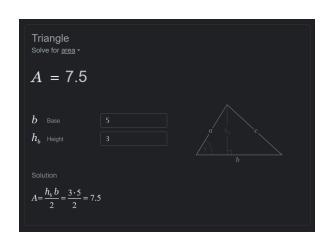


Calculate the Area of a Triangle:

If you know the base and height of a triangle, you can find the area using the formula:

```
area = (base * height) / 2
```





If you know all the sides of a triangle, you can find the area using $\underline{\text{Herons'}}$ formula. If $\underline{\text{a}}$, $\underline{\text{b}}$ and $\underline{\text{c}}$ are the three sides of a triangle, then

```
s = (a+b+c)/2 area = \sqrt{(s(s-a) (s-b) (s-c))}
```

Note: If a triangle cannot be formed from the given sides, the program will not run correctly.