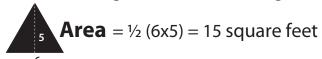


## Aye Aye, Area!



Calculate the area of the sails by finding the areas of the smaller triangles.

Remember, triangle area = 1/2 (base x height)

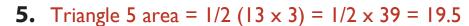


sail 2

- **1.** Triangle I area = 1/2 (II x 4) = 1/2 x 44 = 22
- **2.** Triangle 2 area = 1/2 (21 x 8) = 1/2 x 168 = 84
- **3.** Triangle 3 area = 1/2 (21 x 7) = 1/2 x 147 = 73.5
- **4.** Triangle 4 area = 1/2 (9 x 18) = 1/2 x 162 = 81

**Sail 1 area:** = 22 + 84 + 73.5 + 81

= 260.5 square feet



Triangle 6 area = 1/2 (8 x 5) = 1/2 x 40 = 20

= 39.5 square feet

