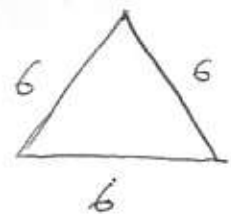
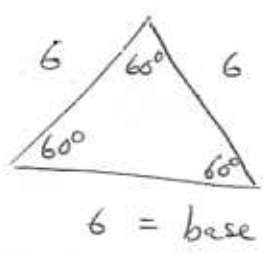


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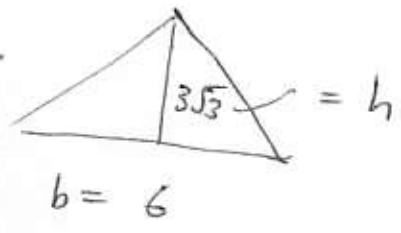
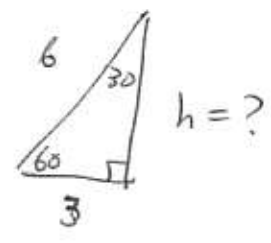
Area = ?

Equilateral triangles are always equiangular.



split triangle in half to figure out the height

A = 1/2 b * h



h = 3*sqrt(3) by Pythag. or 30-60-90

A = 1/2 * 6 * 3*sqrt(3) = 3 * 3*sqrt(3) = 9*sqrt(3)