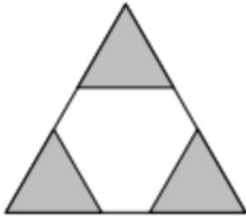


# Weekly Challenge 8

Three equilateral triangles with sides of length 1 are shown shaded in a larger equilateral triangle.



The total shaded area is half the area of the larger triangle.

What is the side-length of the larger equilateral triangle?

Don't forget to watch the explanation [here](#) on YouTube!