



This two-colored tessellation of isosceles right triangles makes for an eye-catching steeple.



Activities and questions

Outline one of the small squares formed by two triangles. Then outline squares with twice that area, four times that area, and eight times that area.

The four triangular sides of the steeple define a square pyramid. The volume of a pyramid is $\frac{1}{3}$ of the product of its base and height. Rearrange this formula to write an expression for the height in terms of the volume and base. (CCSSM A-CED 4)

If the base of one of the isosceles triangles is 1 meter long, estimate the height of the triangles by counting tiles.

Madiera Island is actually closer to what African country than to Portugal?