Lifelong Learning Programme

MiMa
Mathematics in the Making

How to build the right pyramid for any cube

Steps 1 to 7 - The pyramid's height must be half the edge measure of the cube (red straw).

Step 8 - So, we have an isosceles triangle.

Step 9 - The measure of the missing edge corresponds to the height of the isosceles triangles that correspond to the lateral faces of the pyramid.