















It depends of how many vertex we have, the domo will seem more or less as as a sphere

And can I build a DOME with this figure (an icosaedrom)?



YES, but it doesn't look like a sphere at all

A DOME IS TO GET MORE POINTS OF THE SPHERE FROM AN ICOSAHEDRON

HOW?

VERTEXES OF THE SPHERE

CENTERS OF THE SIDES

☆NEW VERTEXES!



how is it calculated?



ASSEMBLY DIAGRAM

A=1,052R

B=0,519A

C=0,556A

Example: If we build a Dome of 10m of radium: The icosahedron will have the side A=10x1,052=10,52m

The type B bar will have: **B**=0,519x10,52=**5**,46m

The type C bar will have :C=0,556x10,52=5,85m