Caught in the Nets

You need 🖊 regular polygon shapes

Activity

1.

Mila has built models of the Platonic solids, using polygon shapes. Now she wants to draw nets of the shapes. First she tries an octahedron.

She notices that there are four triangles around each vertex (corner).



So she knows that half the net for an octahedron will look like this:



 Mila thinks that this net will fold to make an octahedron.



Is she right? How do you know?

b. What other nets for an octahedron can you find?

מחת

Drawing nets for polyhedra

