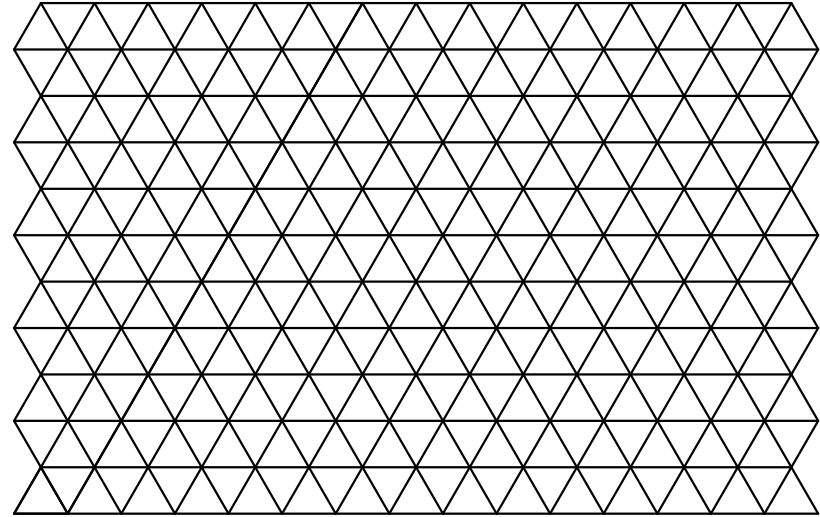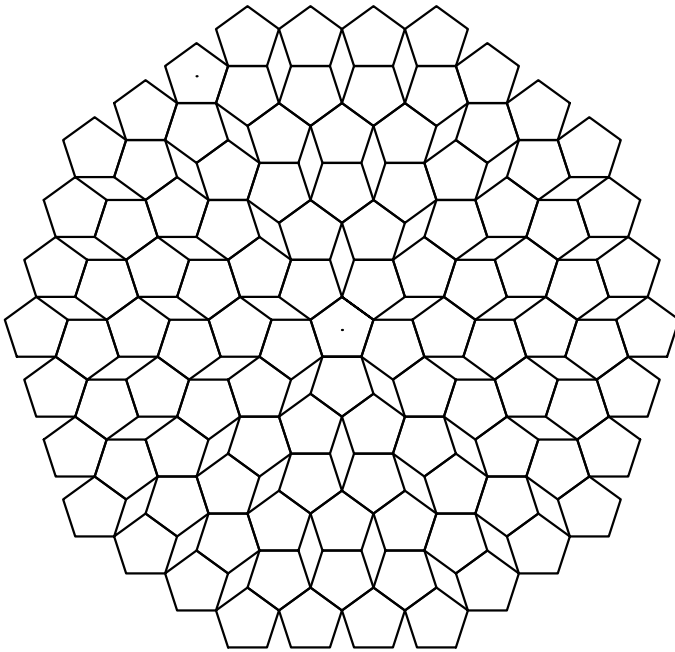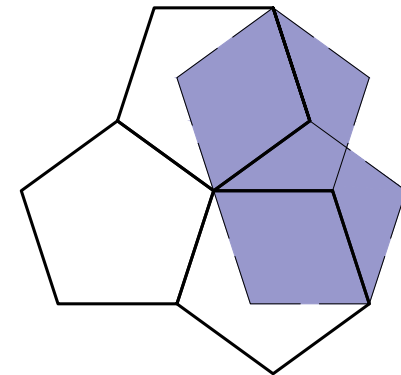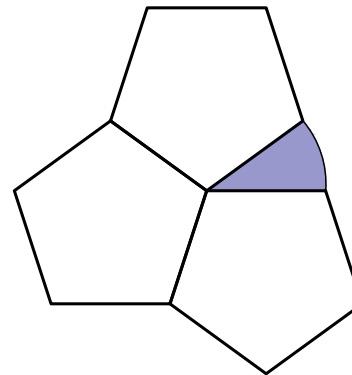(a)   Grid surface for Cube rolling

(b)   Triangular grid for Tetrahedron, Octahedron and Icosahedron.

(c)   The radial arrangement from a single central decogon

(d) Pentagons connect around a point with a gap and overlap