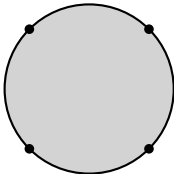
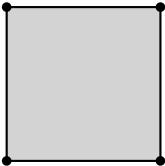
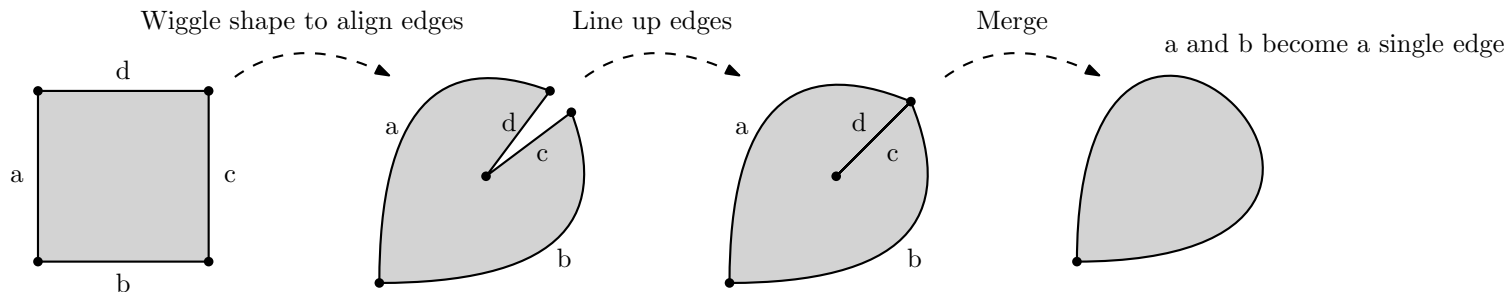


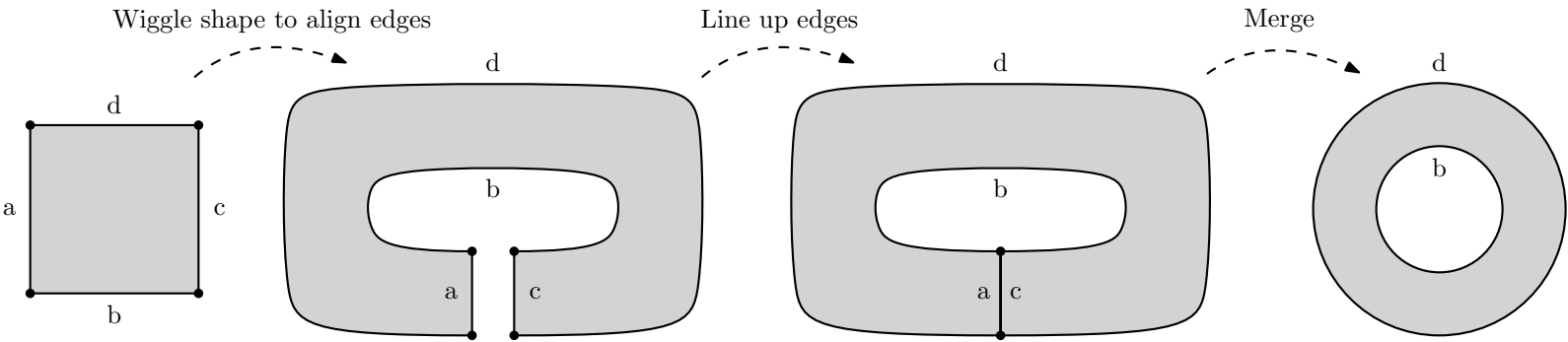
These are all 'squares'



# Merging adjacent edges (d and c)



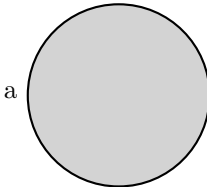
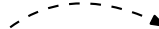
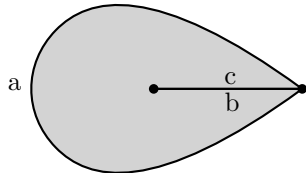
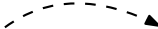
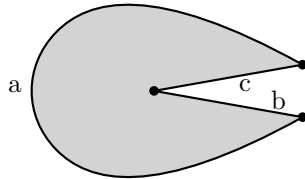
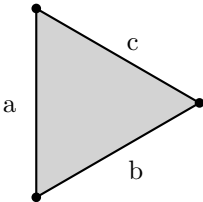
# Merging opposite edges (a and c)



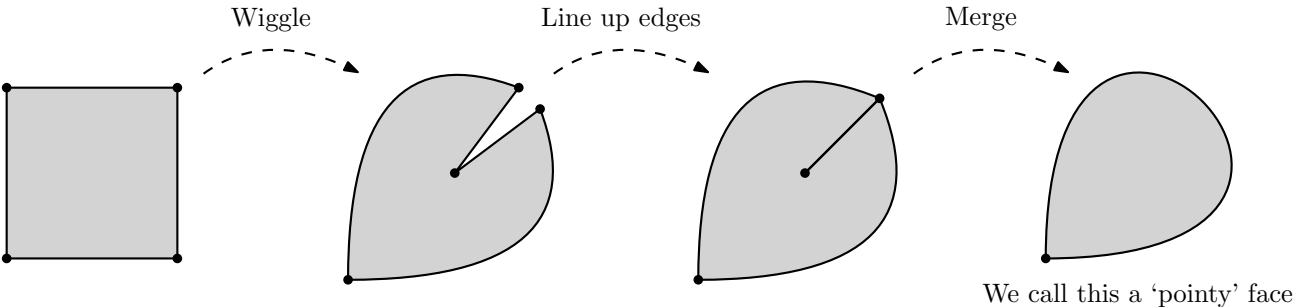
Wiggle

Line up edges

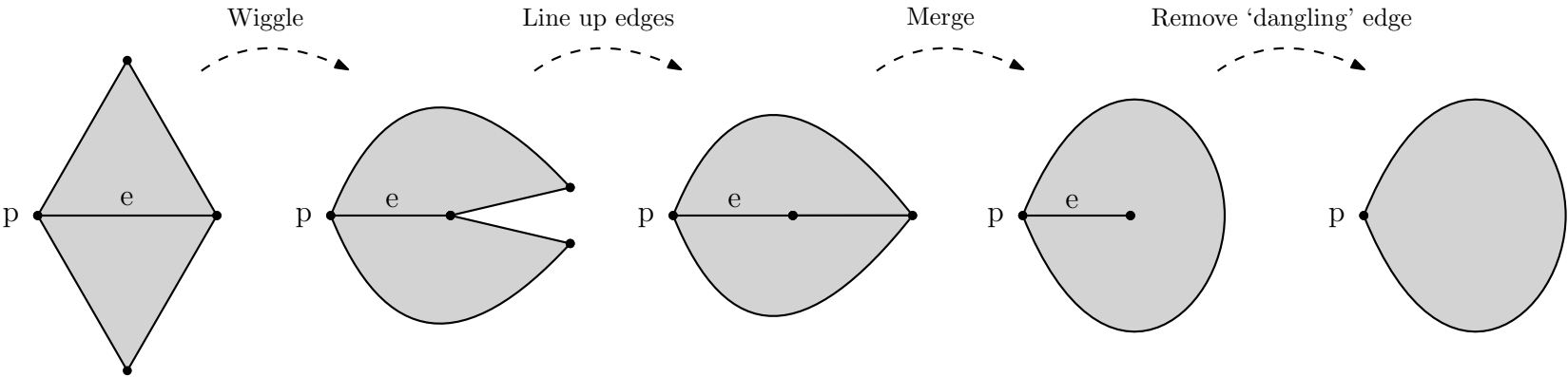
Merge

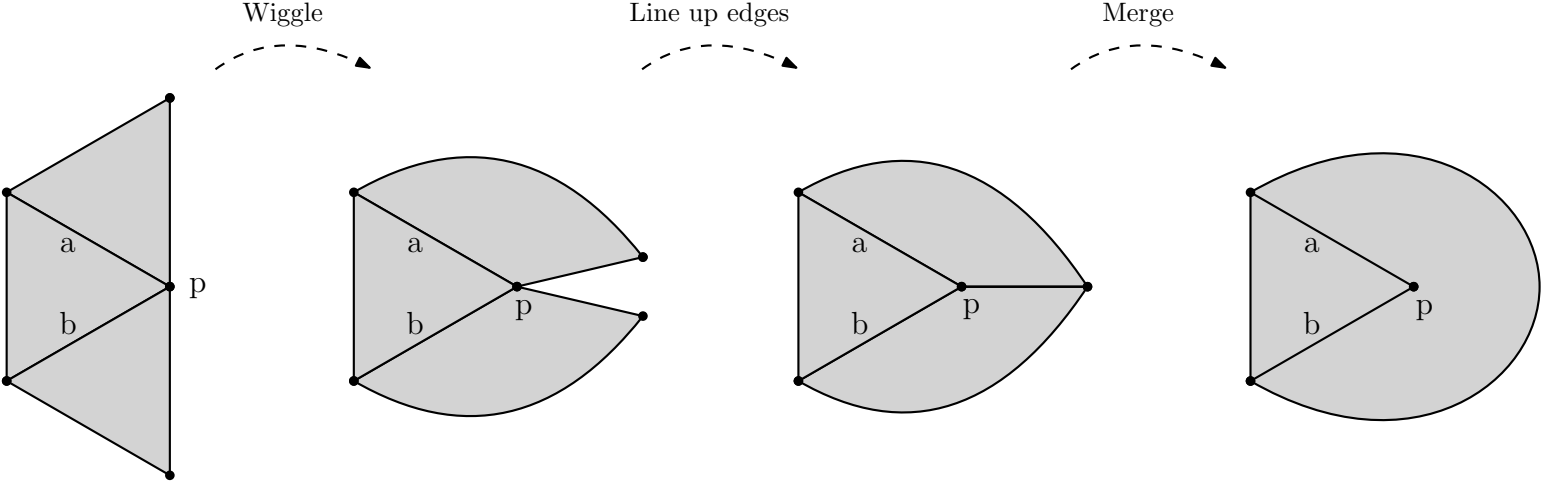


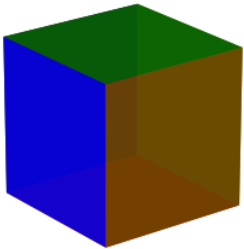
Edge case 1: a vertex connecting an edge to itself

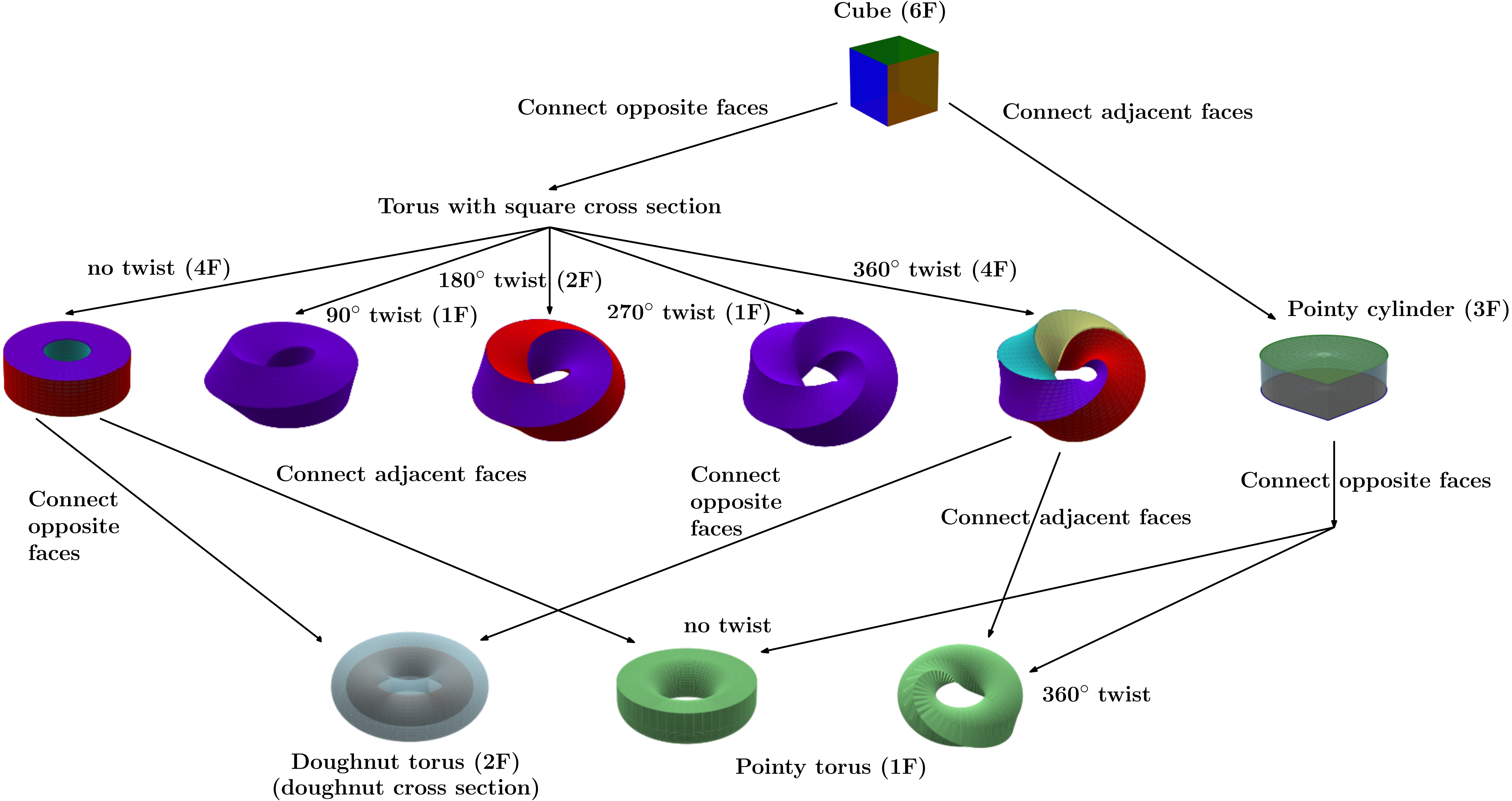


Edge case 2: edge ending inside a face after merge gets removed







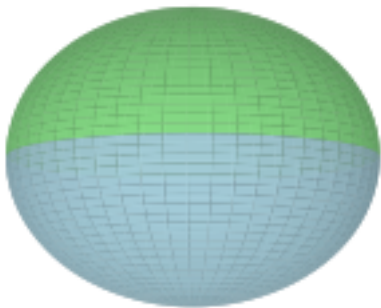




**Tetrahedron (4F)**

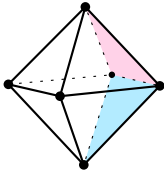


**Connect adjacent faces**

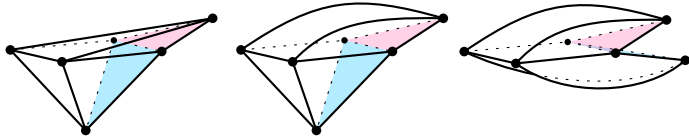


**Edged sphere (2F)**

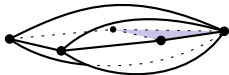
1. Highlight faces to be merged



2. Line them up without changing the geometry



3. Put them against each other



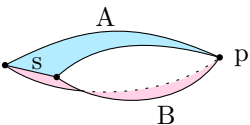
4. Remove them



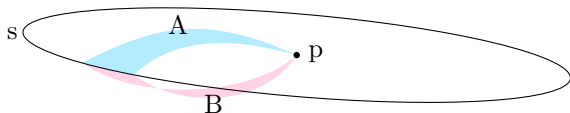
5. Remove dangling edges



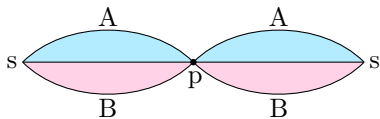
Starting shape



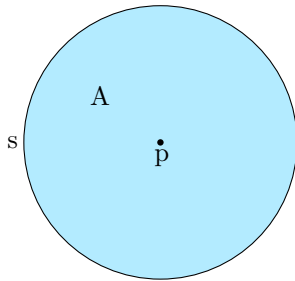
'Spin' the side faces until they touch and s forms a circle



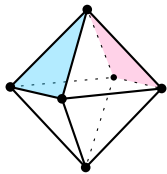
Cross section view



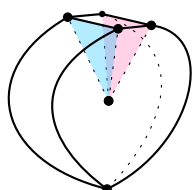
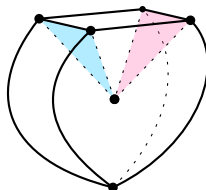
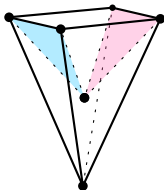
Top-down view



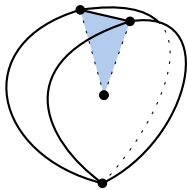
1. Highlight faces to be merged



2. Line them up without changing the geometry



3. Put them against each other



4. Remove them

