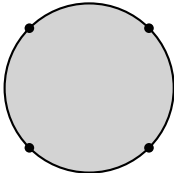
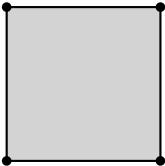
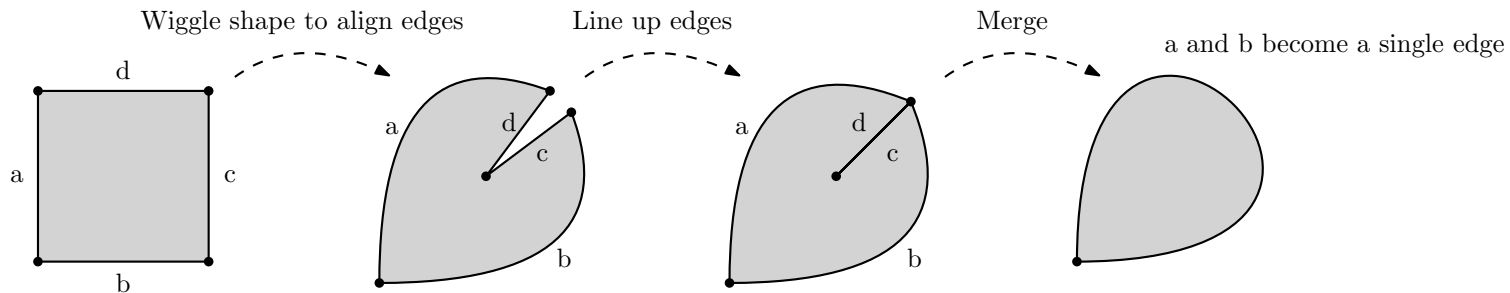


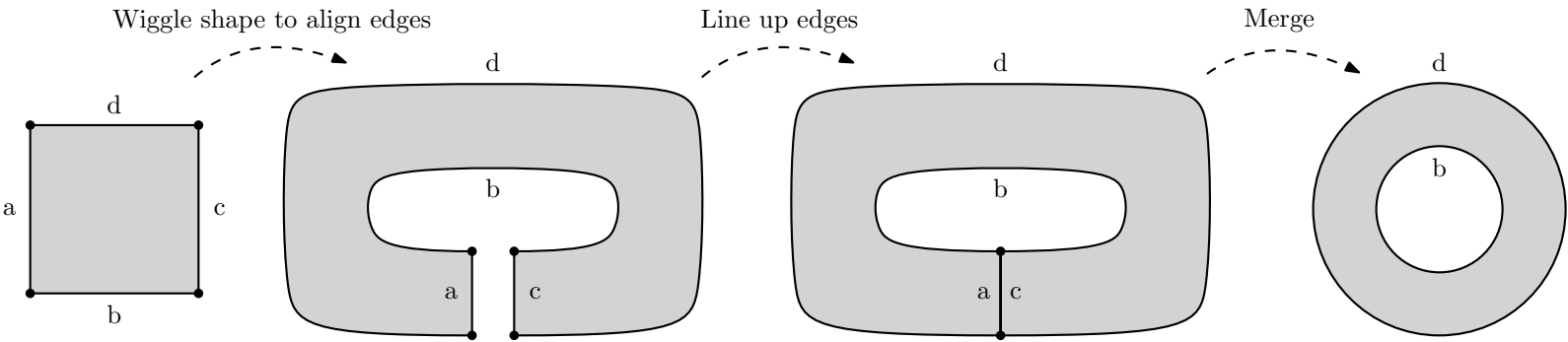
These are all 'squares'



Merging adjacent edges (d and c)



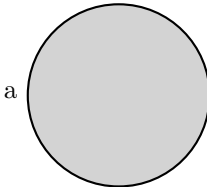
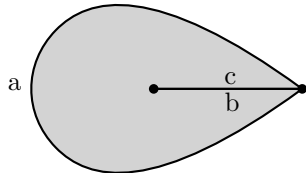
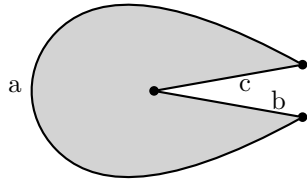
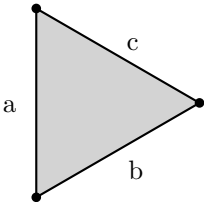
Merging opposite edges (a and c)



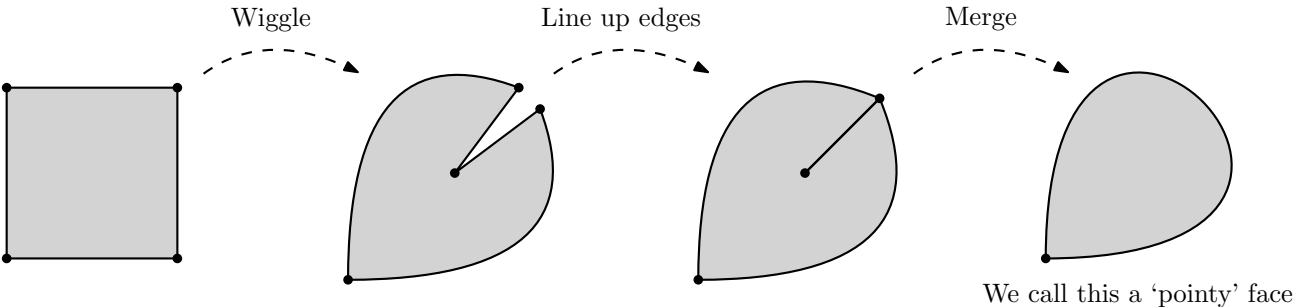
Wiggle

Line up edges

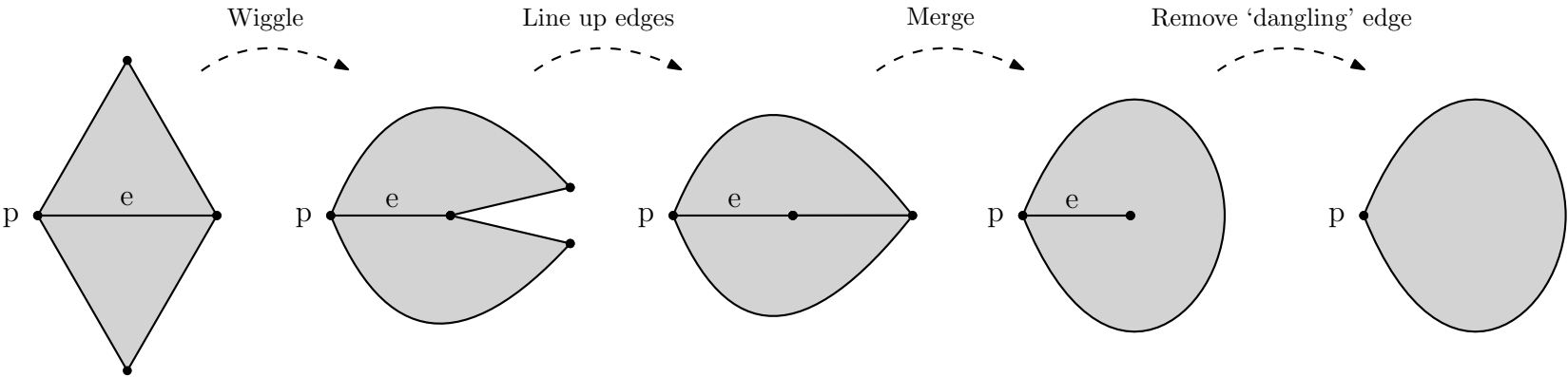
Merge

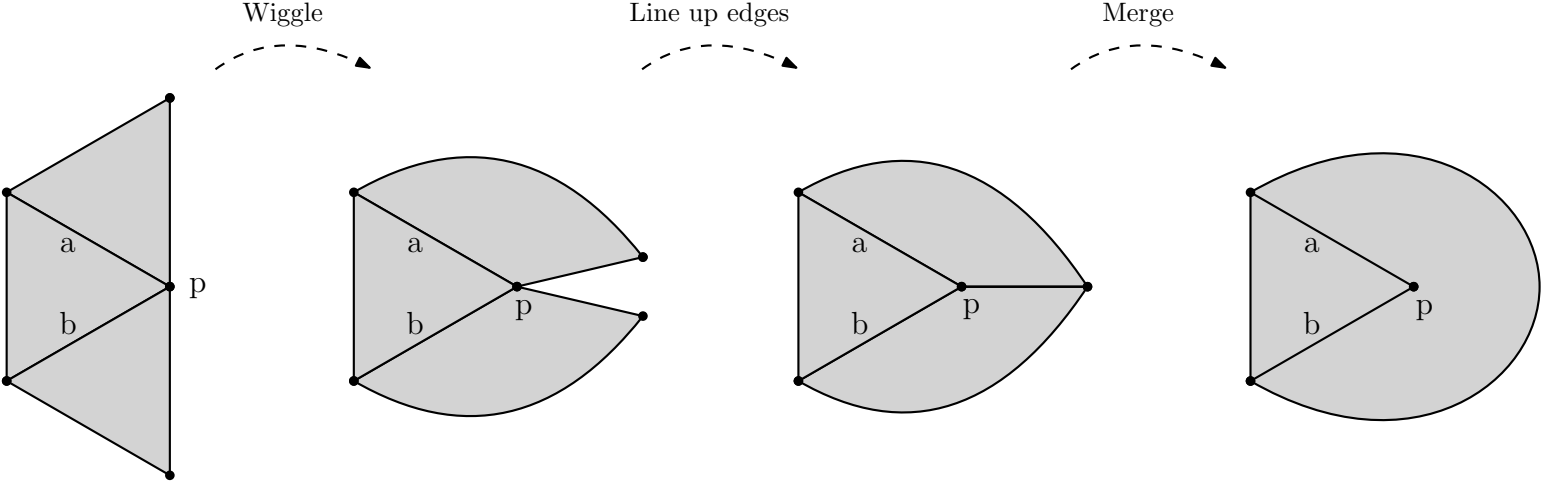


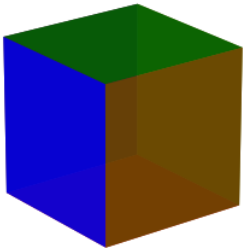
Edge case 1: a vertex connecting an edge to itself

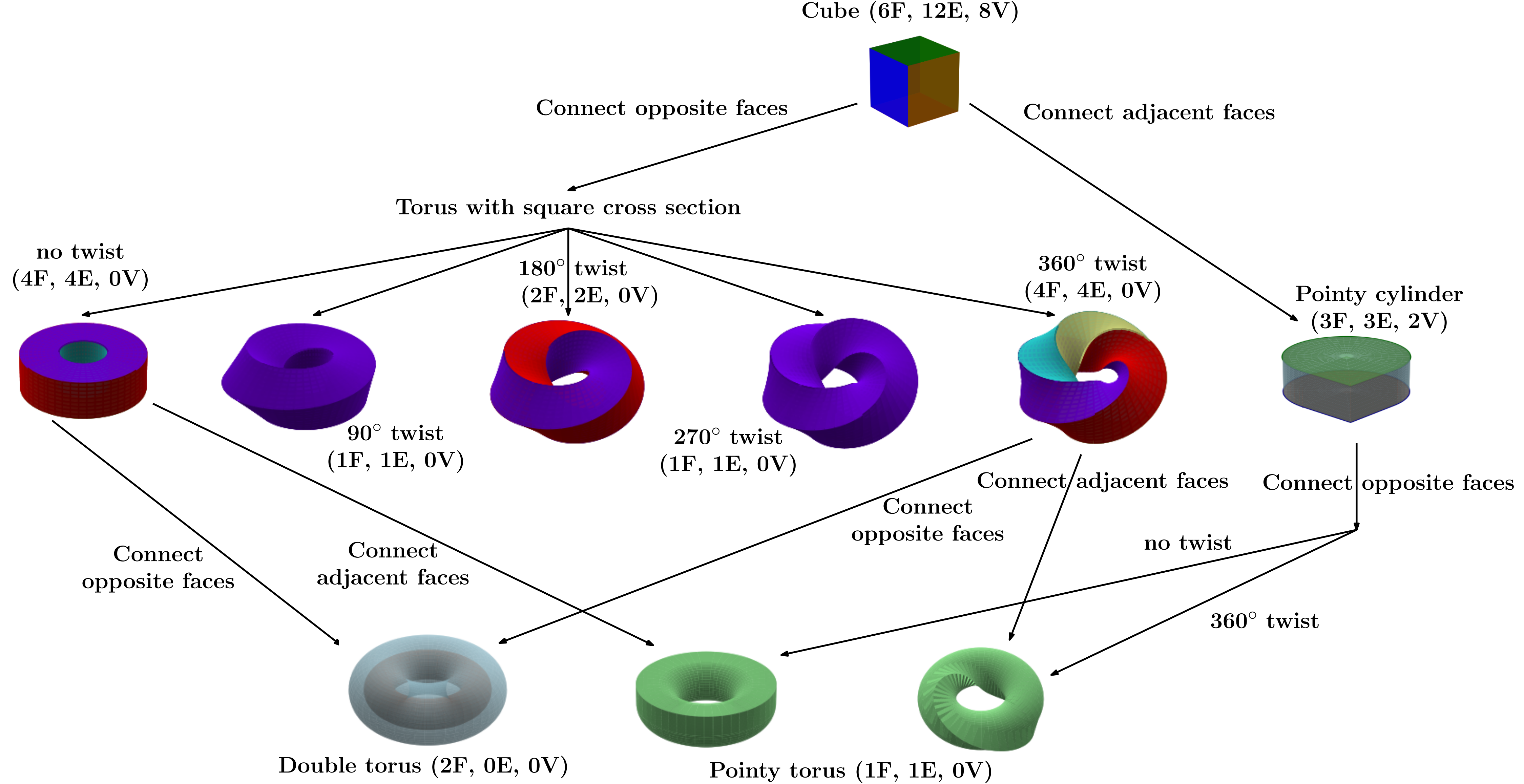


Edge case 2: edge ending inside a face after merge gets removed





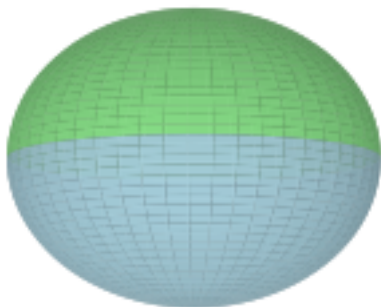




Tetrahedron (4F, 6E, 4V)

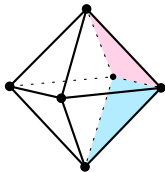


Connect adjacent faces

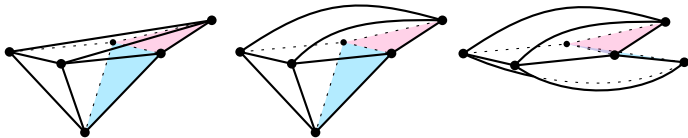


Edged sphere (2F, 1E, 0V)

1. Highlighted faces to be merged



2. Wiggle



3. Line up faces



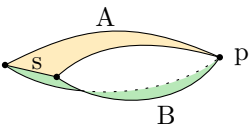
4. Merge



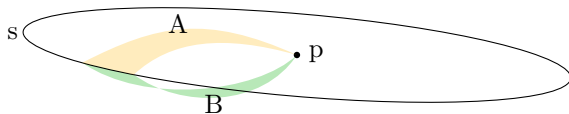
5. Remove dangling edges



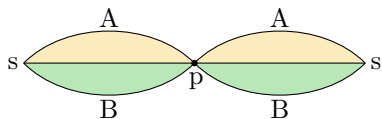
Starting shape



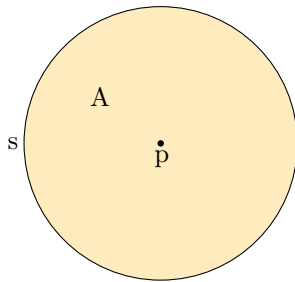
“Spin” an ‘eye face’ around p until it touches the other eye face and s forms a circle



Front view



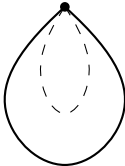
Top-down view



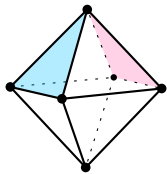
Outer face



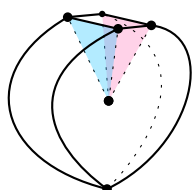
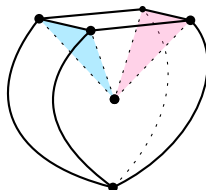
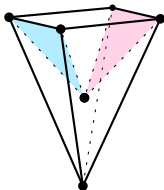
Cross-section



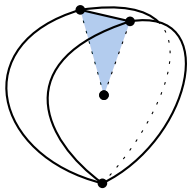
1. Highlight faces to be merged



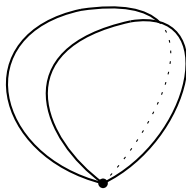
2. Wiggle



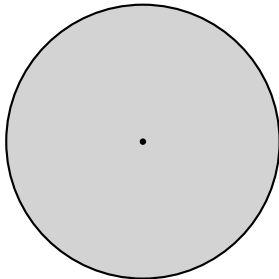
3. Line up faces



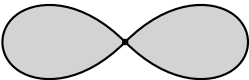
4. Merge



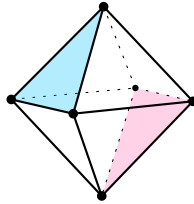
Top-down view



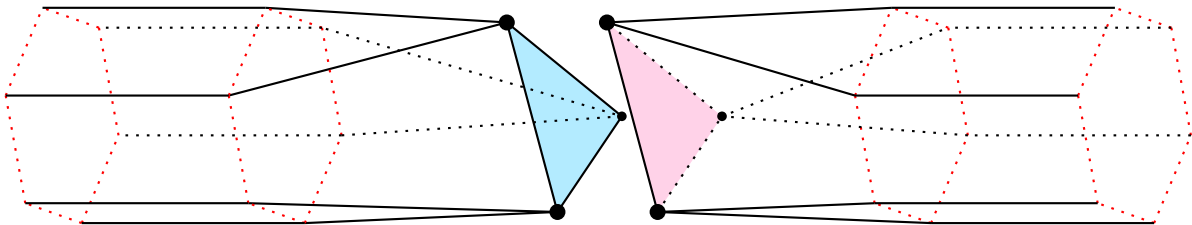
Front view



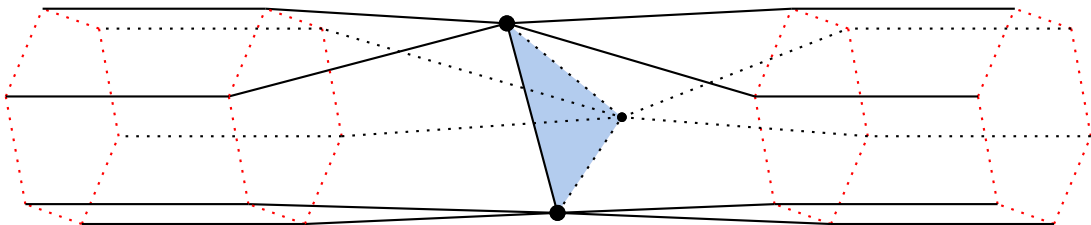
1. Highlight faces to be merged



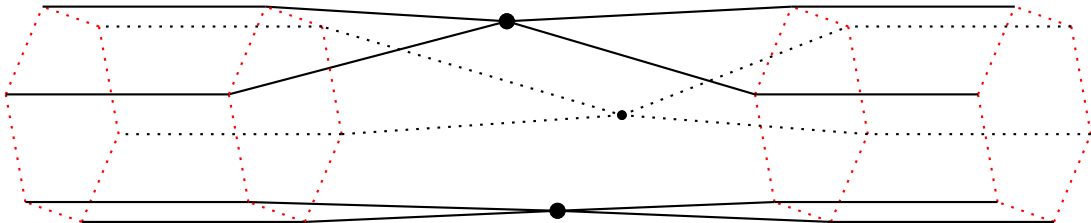
2. Wiggle



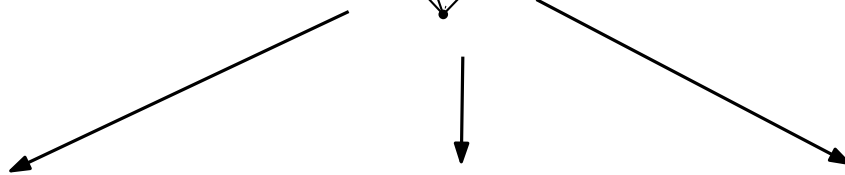
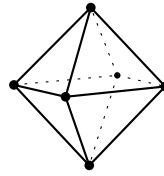
3. Line up faces



4. Merge



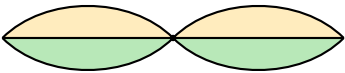
Octahedron (8F, 12E, 6V)



Dorito (4F, 5E, 3V)

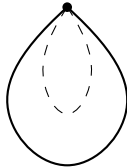


(2F, 1E, 1V)



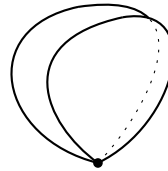
Front view

(2F, 0E, 1V)

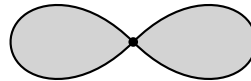


Cross-section view

Petal (3F, 2E, 1V)



(1F, 0E, 1V)



Front view

Kind-of-hexagonal torus
(3F, 6E, 3V)



???