Task 13 Another Net of Regular Tetrahedron

Regular Tetrahedron ABCD

Angle between two planes α

$\beta = 180° - \alpha$

Slider t from 0 to 1, increment: 0.01

Rotate faceBCD about edgeCD by the angle $(1 - t)\beta$

Rotate faceACD about edgeAD by the angle $(1 - t)\beta$

Rotate faceBCD' about edgeAD by the angle $(1 - t)\beta$ **

Rotate faceABD about edgeAB by the angle $(1 - t)\beta$

Rotate faceACD' about edgeAB by the angle $(1 - t)\beta$

Rotate faceBCD" about edgeAB by the angle $(1 - t)\beta$
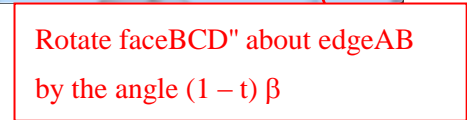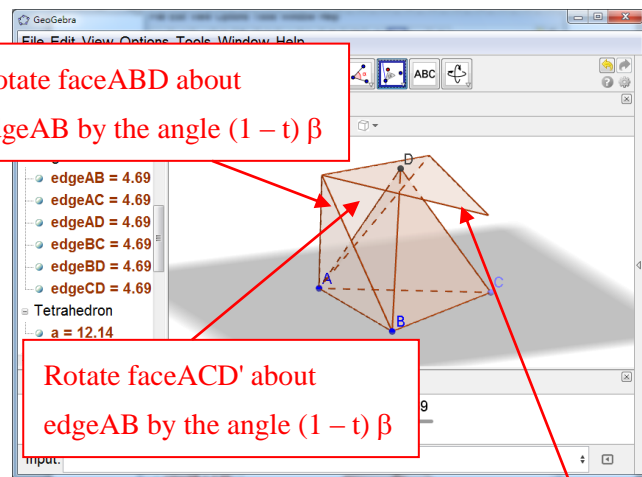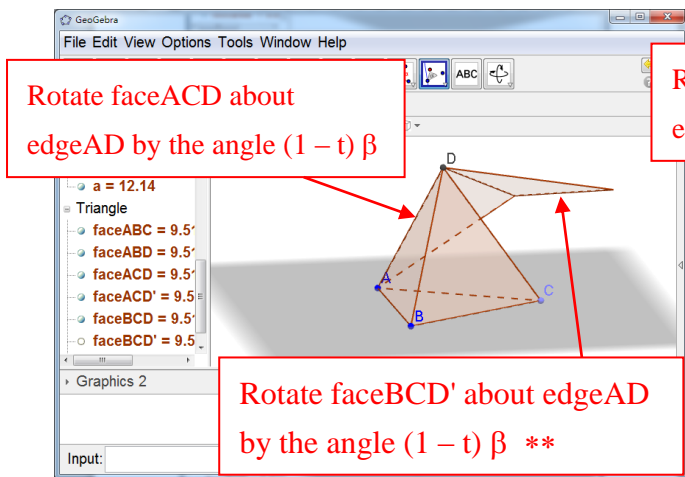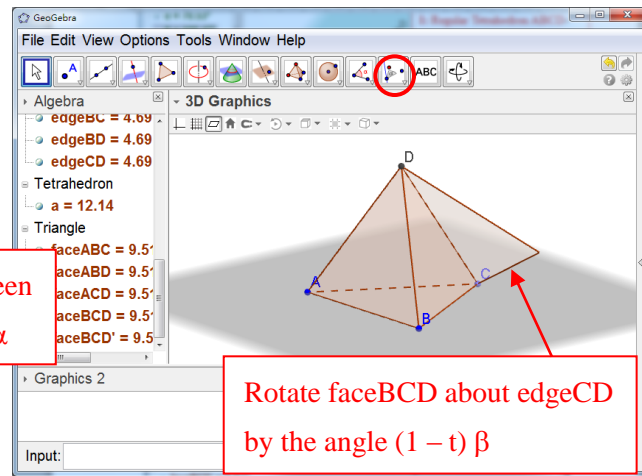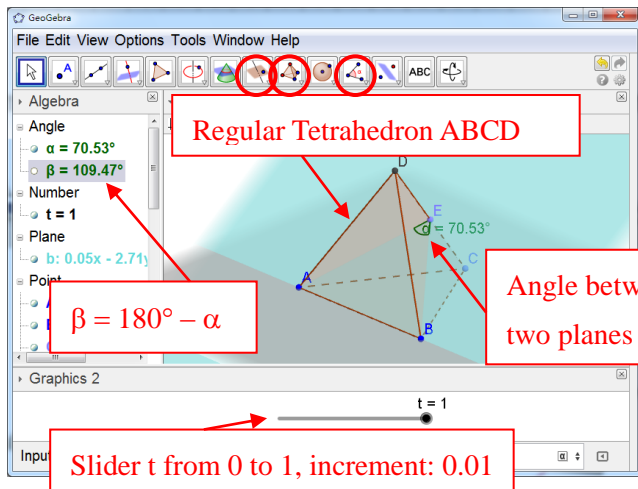
** You can copy the command of rotating faceACD about edgeAD to the Input bar, and change "**faceACD**" to " **faceBCD'** " and press enter.

Close the Algebra view, hide unwanted objects and change the colours of the faces and edges, as shown in the figures below.