User Study Questionnaires and Per Question Reply Summary for "Slippage-Preserving Reshaping of Human-Made 3D Content"

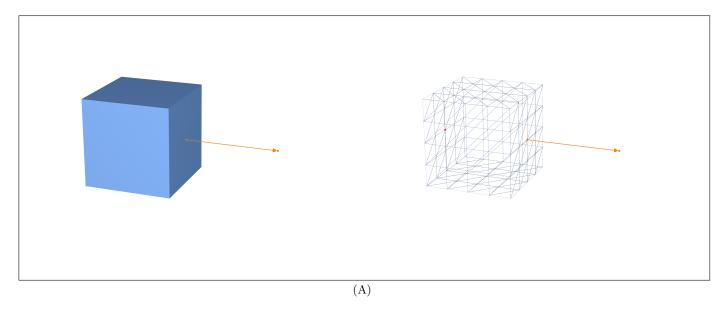
Contrary to the actual question naires where our results are randomly placed on the left (B) or right (C), here we place ours on the right (C) for ease of evaluation. The goal of the study is to assess different algorithms for reshaping 3D models by changing the relative proportions or scales of different model parts or elements while preserving the look and structure of the inputs.

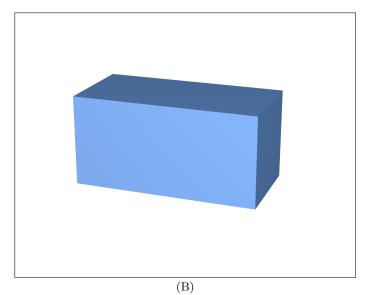
In the examples below you will be shown a triplet of objects, one on the top (A), rendered as a solid and as a wireframe, and two (B, C) on the bottom. The image on the top includes desired resizing/rescaling/proportion changes indicated via handle displacement gestures. The orange points should be moved as suggested by the arrows, while the red points should be held in place. Mentally perform the suggested resizing/rescaling/proportion change so as to best preserve the structure and look of the input object (A).

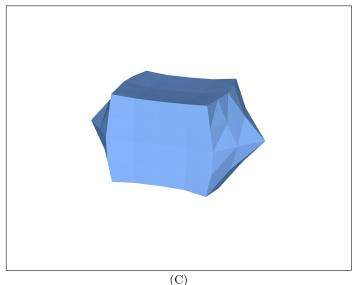
On the bottom you will be shown two images B and C showing edited versions of the input object after resizing/rescaling/proportion changes. You will then be asked to evaluate which of the edited objects on the bottom is closer to the reshaping edit you envisioned. Please zoom in to see the differences.

HERE IS AN EXAMPLE QUESTION:

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?



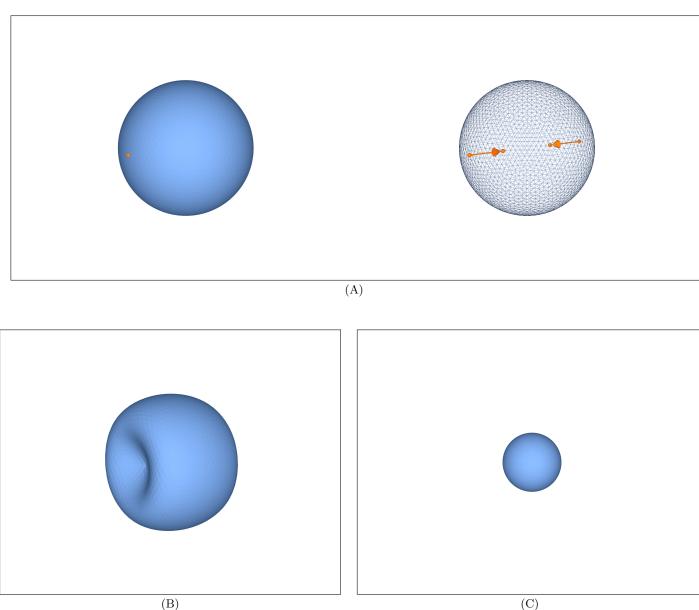




In this case the answer is B (The output in (C) does not preserve the structure and look of the object as well).

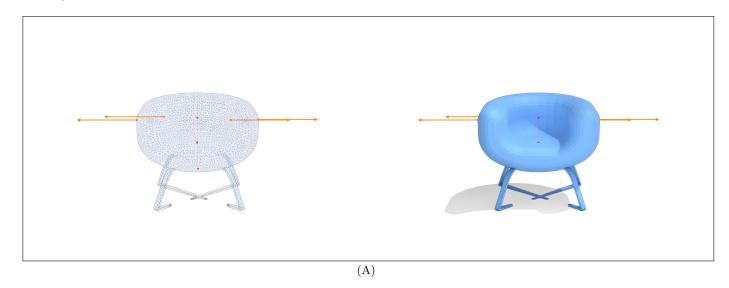
HERE IS ANOTHER EXAMPLE QUESTION:

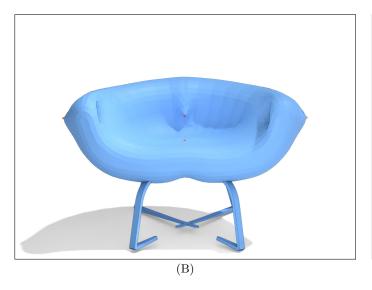
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

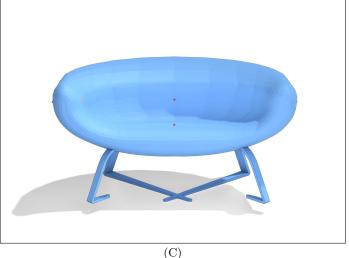


In this case the answer is C (The output in (B) does not preserve the structure and look of the object as well).

Question 1: Ours: 9, Conformal: 1, Both: 0, Neither: 0



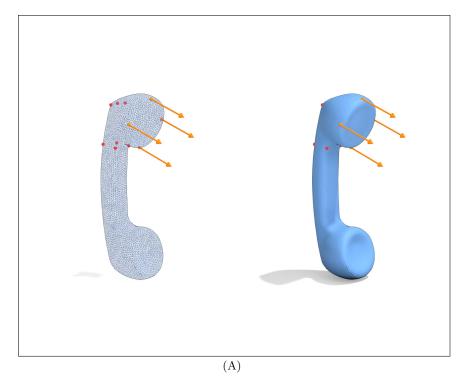


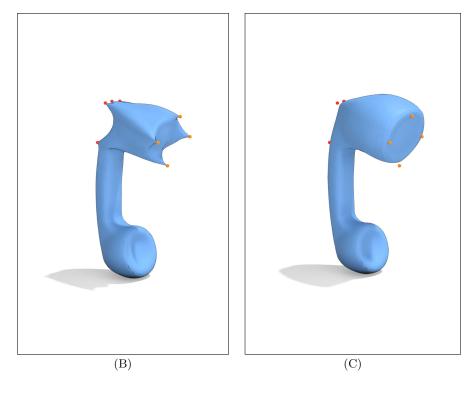


 \bigcirc (B) \bigcirc (C) \bigcirc Both are equally close \bigcirc Neither is close

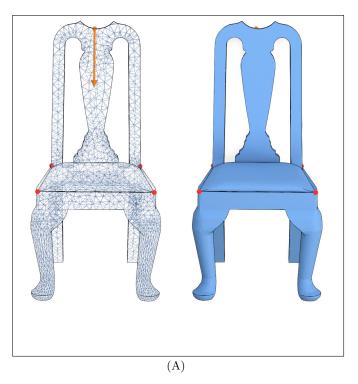
Question 2: Ours: 9, ARAP: 1, Both: 0, Neither: 0

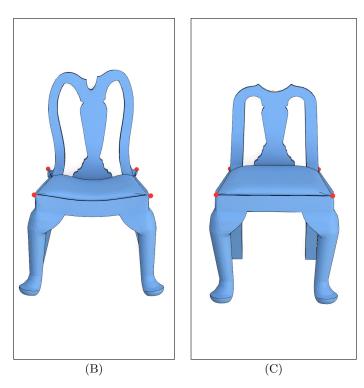
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?





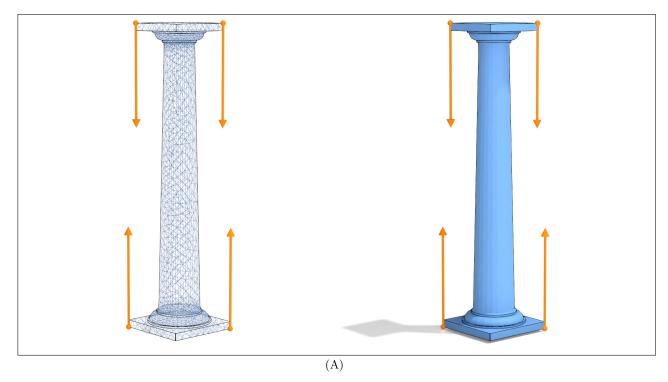
Question 3: Ours: 10, Conformal: 0, Both: 0, Neither: 0

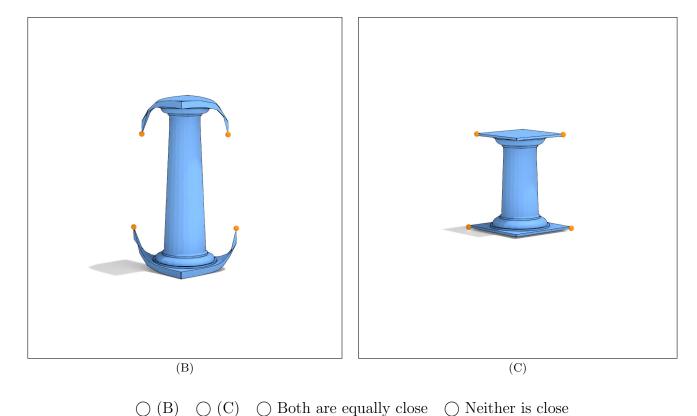




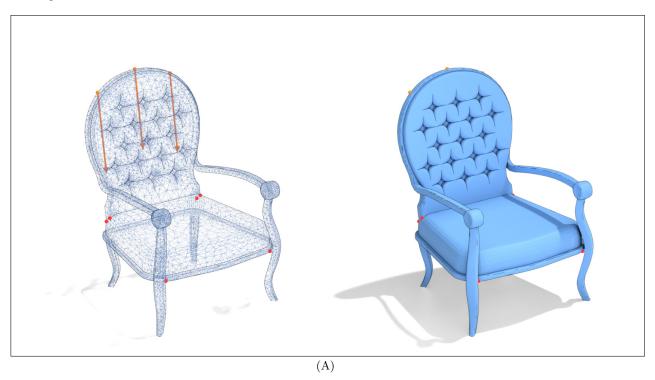
 \bigcirc (B) \bigcirc (C) \bigcirc Both are equally close \bigcirc Neither is close

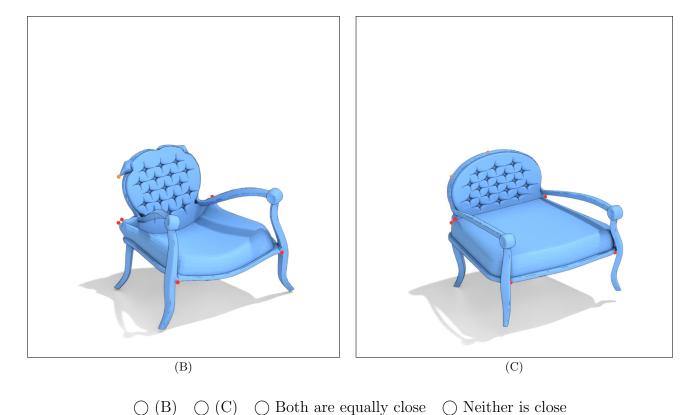
Question 4: Ours: 9, Poisson: 1, Both: 0, Neither: 0





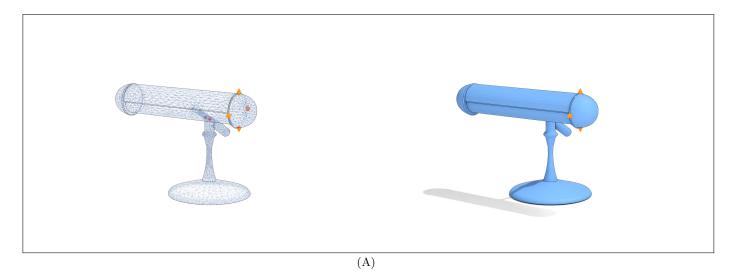
Question 5: Ours: 10, Conformal: 0, Both: 0, Neither: 0

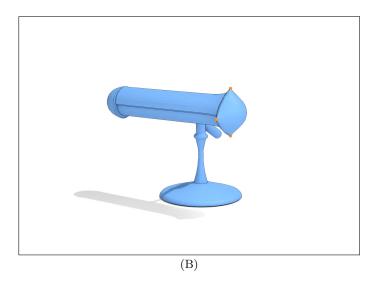


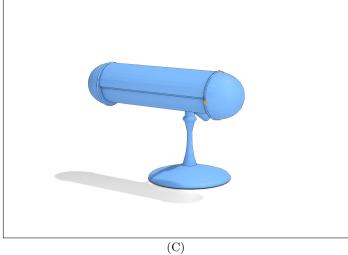


Question 6: Ours: 6, ARAP: 1, Both: 0, Neither: 3

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

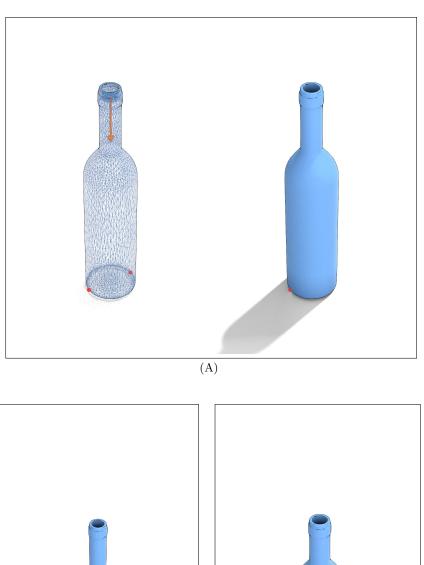


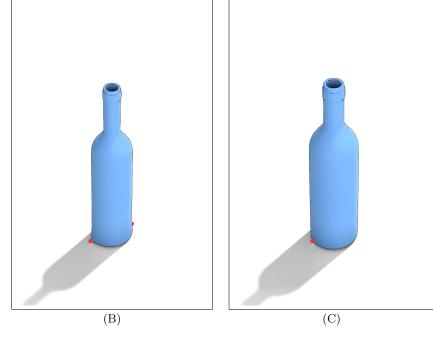




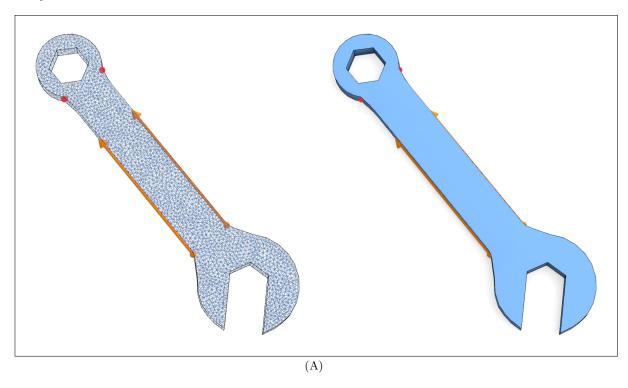
Question 7: Ours: 9, Conformal: 0, Both: 1, Neither: 0

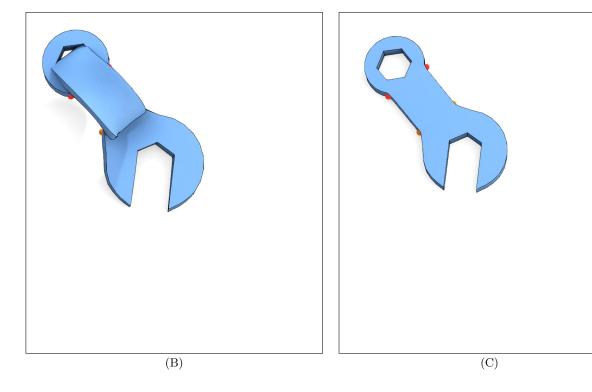
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?





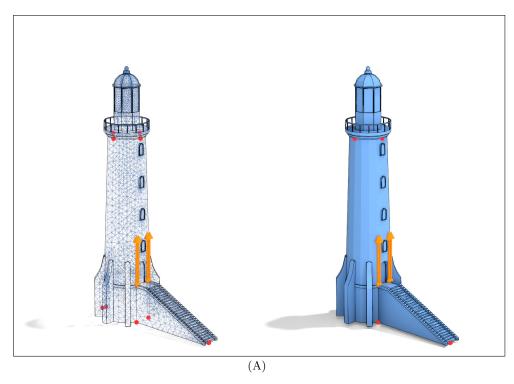
Question 8: Ours: 10, ARAP: 0, Both: 0, Neither: 0

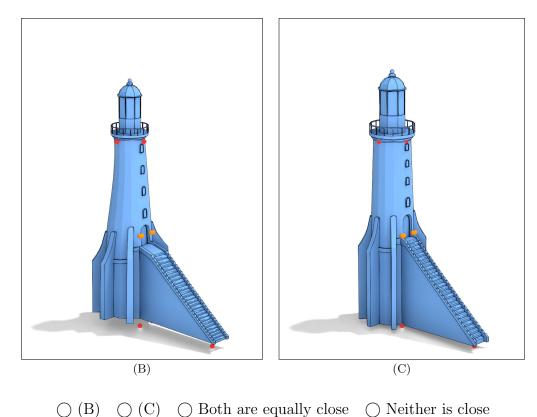




 \bigcirc (B) \bigcirc (C) \bigcirc Both are equally close \bigcirc Neither is close

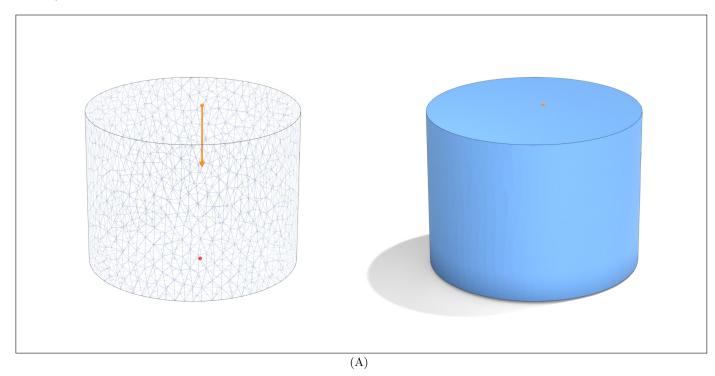
Question 9: Ours: 8, Our 3D ALUP: 0, Both: 1, Neither: 1

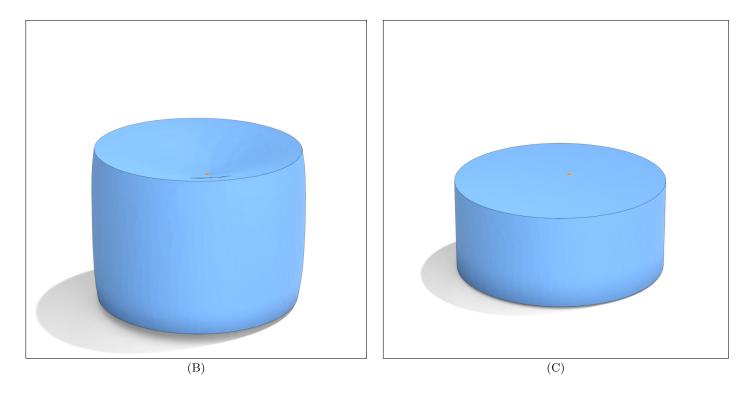




Question 10: Ours: 7, ARAP: 3, Both: 0, Neither: 0

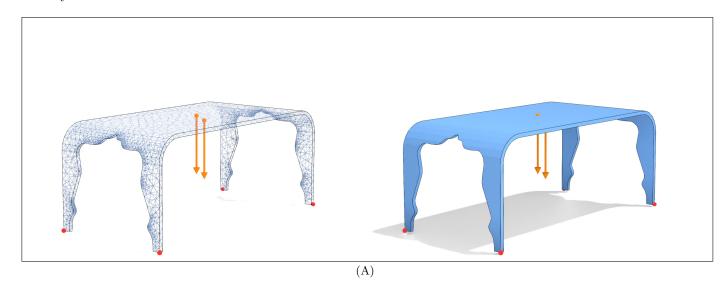
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

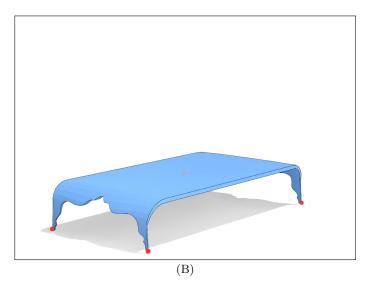


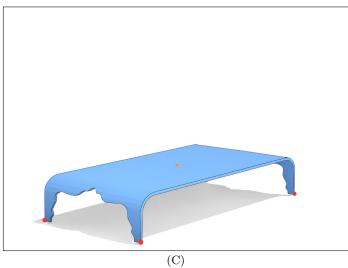


Question 11: Ours: 4, Our 3D ALUP: 1, Both: 5, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

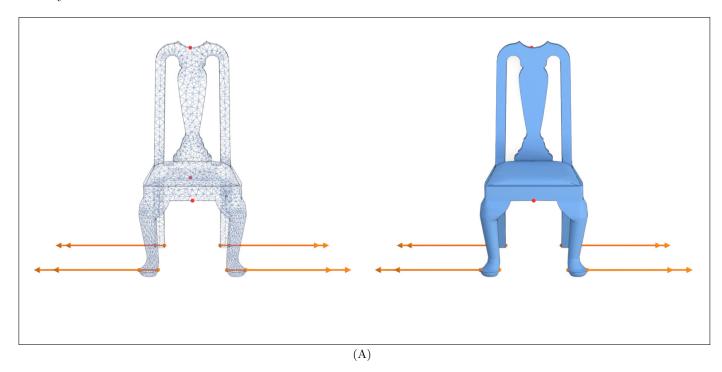


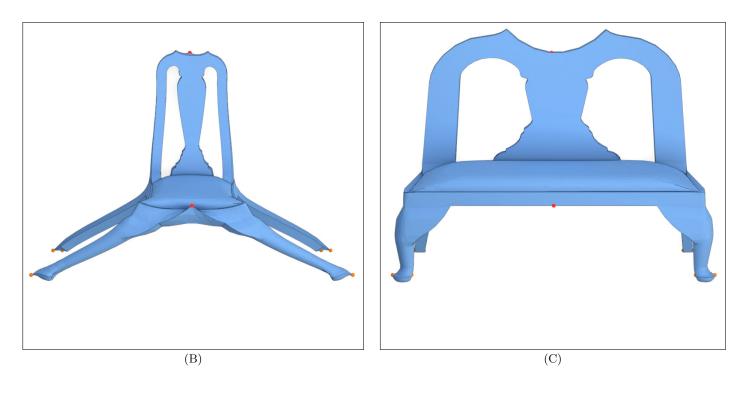




Question 12: Ours: 6, ARAP: 4, Both: 0, Neither: 0

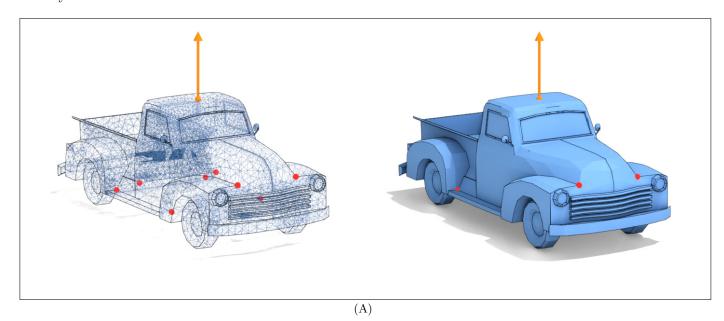
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

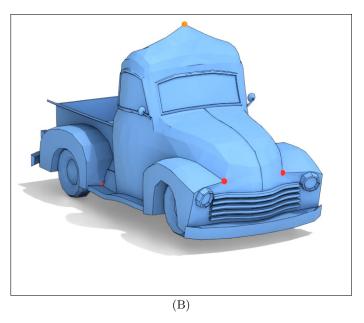


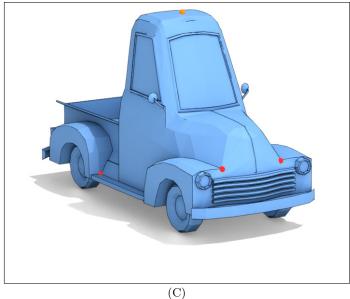


Question 13: Ours: 10, Conformal: 0, Both: 0, Neither: 0

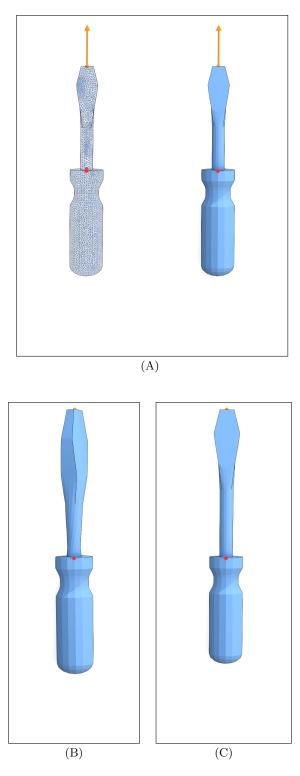
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?





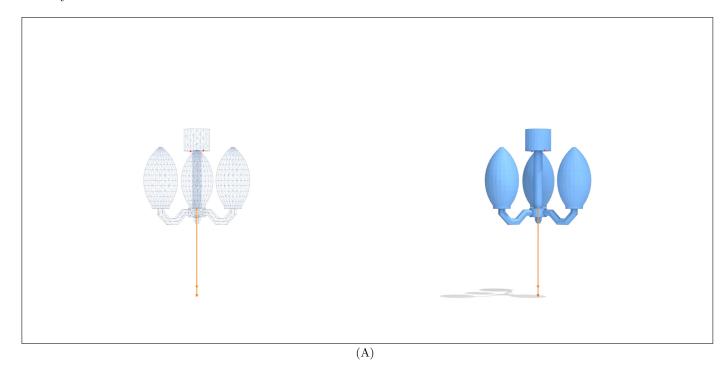


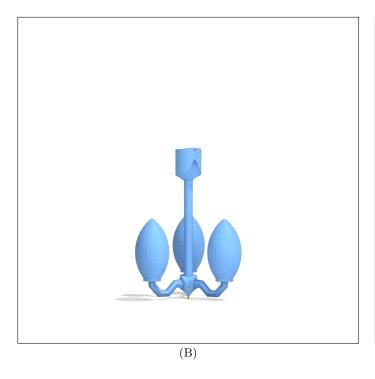
Question 14: Ours: 10, Conformal: 0, Both: 0, Neither: 0

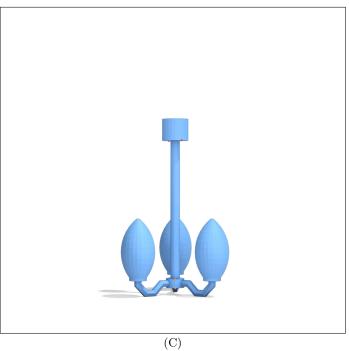


Question 15: Ours: 9, Poisson: 0, Both: 1, Neither: 0

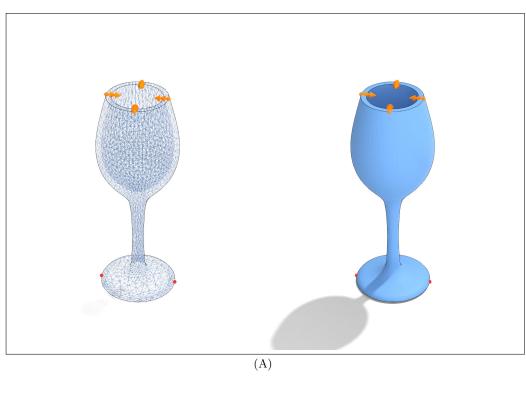
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

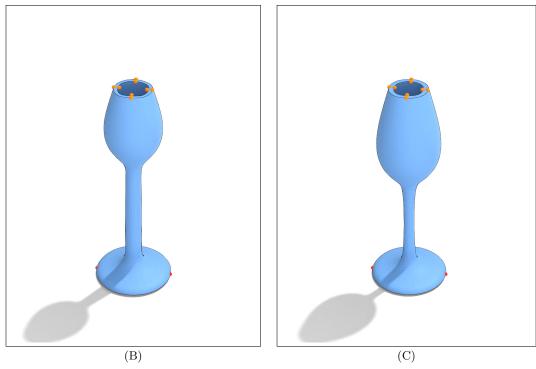






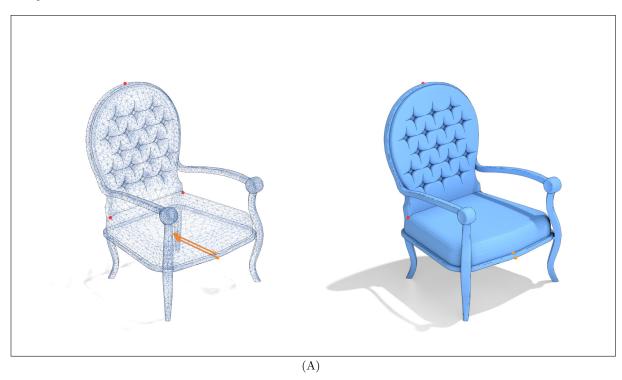
Question 16: Ours: 7, Our 3D ALUP: 1, Both: 2, Neither: 0

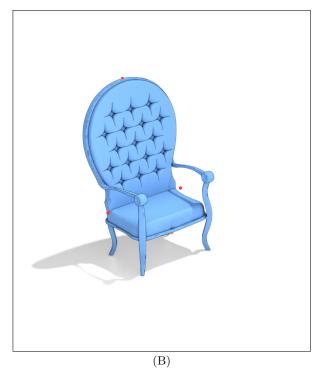




Question 17: Ours: 5, Our 3D ALUP: 2, Both: 3, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

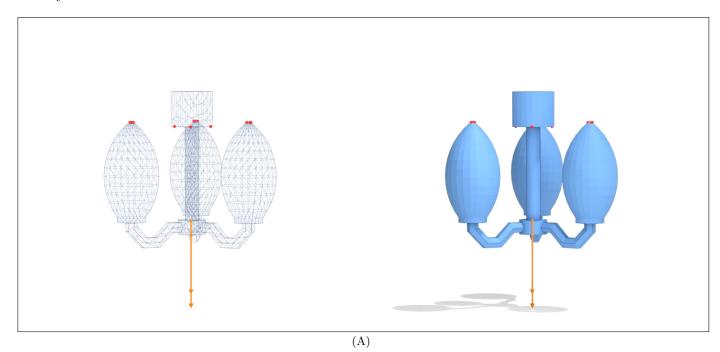


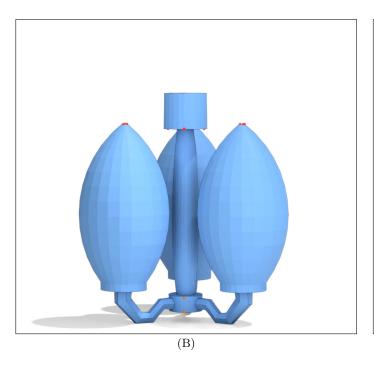


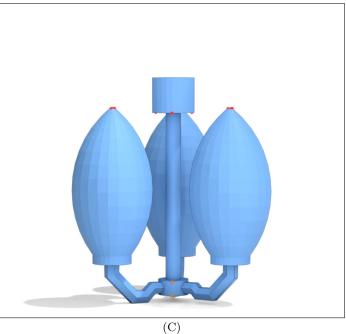


Question 18: Ours: 5, Our 3D ALUP: 1, Both: 3, Neither: 1

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

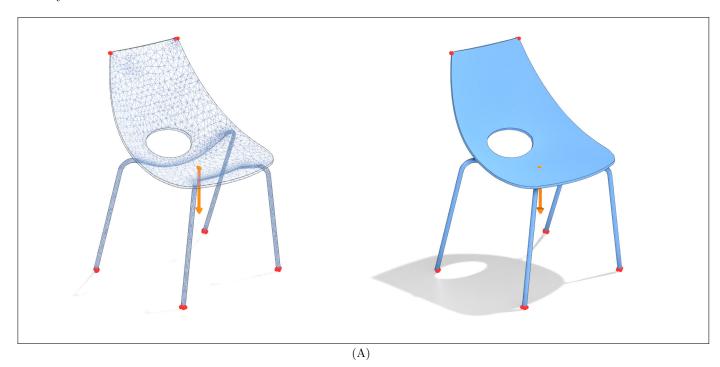


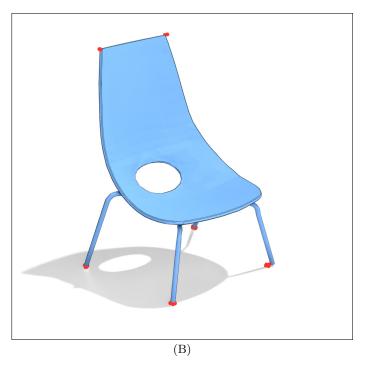


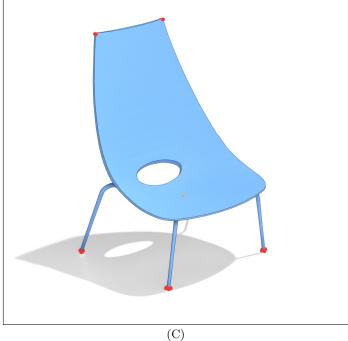


Question 19: Ours: 4, Artist: 2, Both: 1, Neither: 3

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

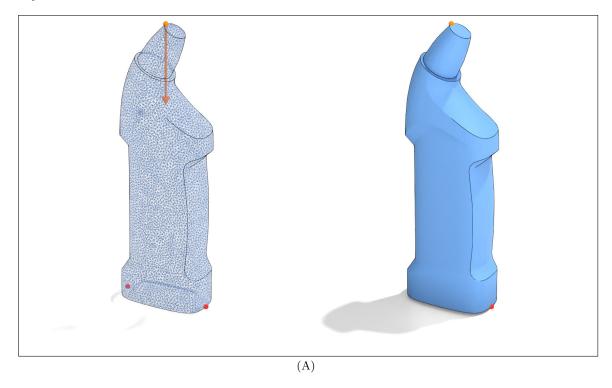


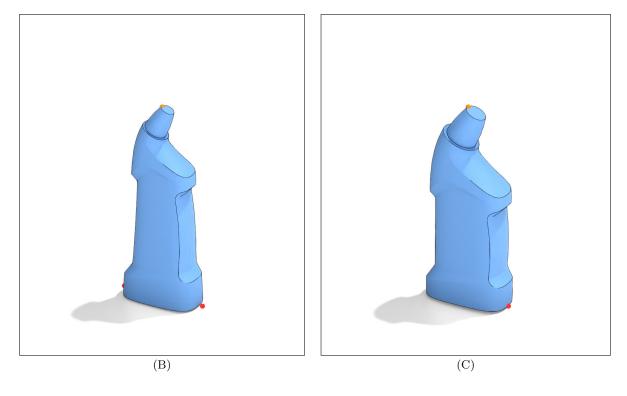




Question 20: Ours: 8, Our 3D ALUP: 1, Both: 1, Neither: 0

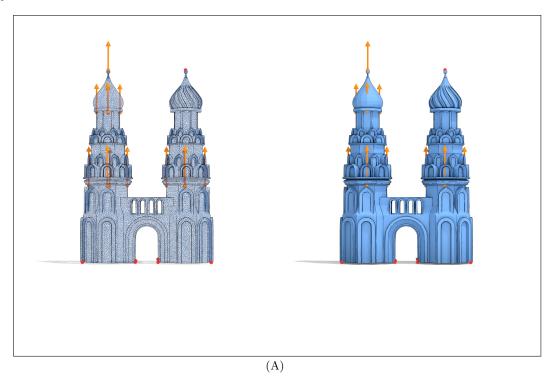
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

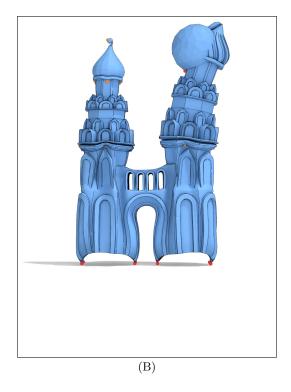


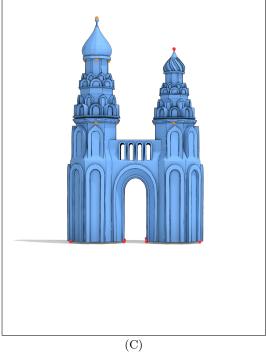


Question 21: Ours: 10, Conformal: 0, Both: 0, Neither: 0

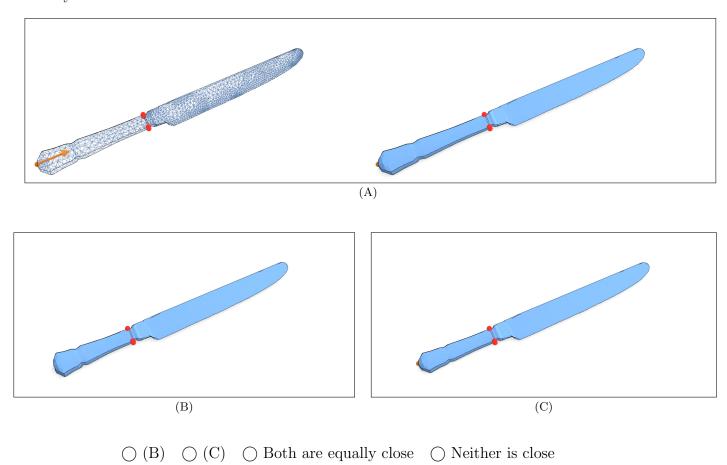
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?





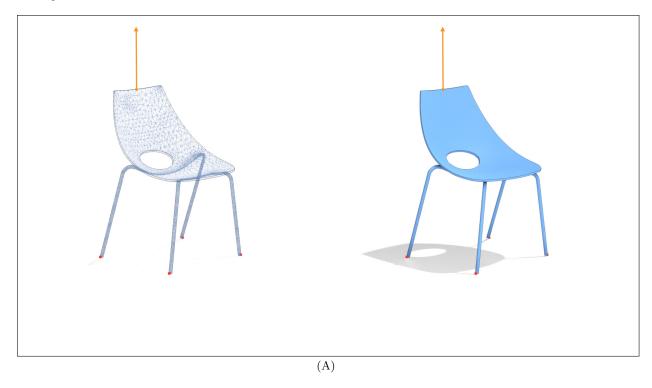


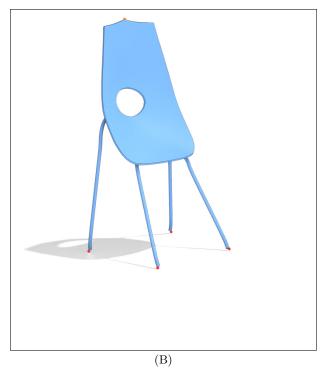
Question 22: Ours: 1, Poisson: 4, Both: 4, Neither: 1

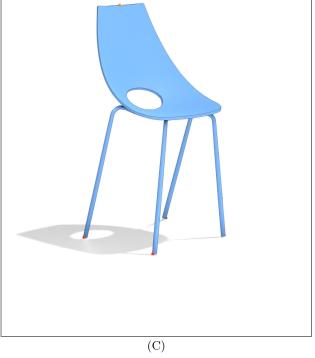


Question 23: Ours: 7, ARAP: 2, Both: 0, Neither: 1

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

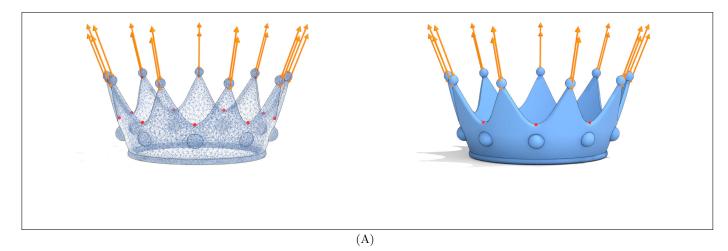


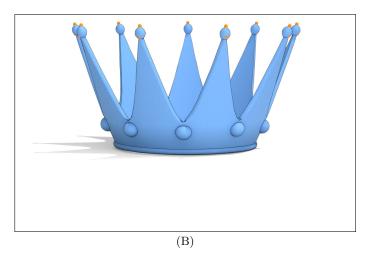


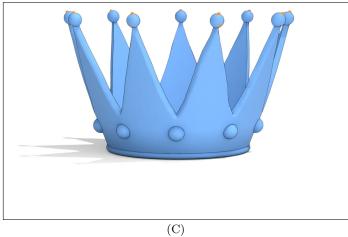


Question 24: Ours: 3, Poisson: 2, Both: 5, Neither: 0

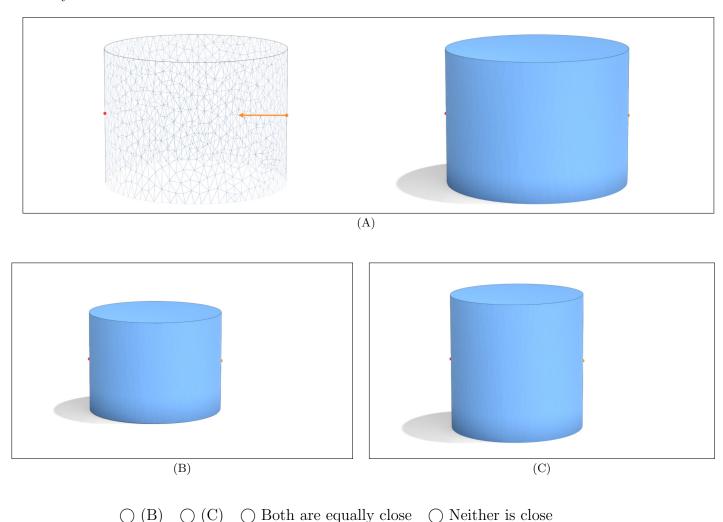
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?



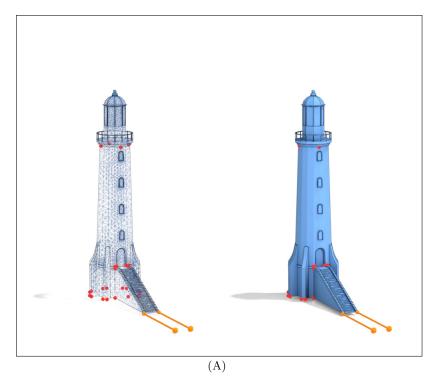


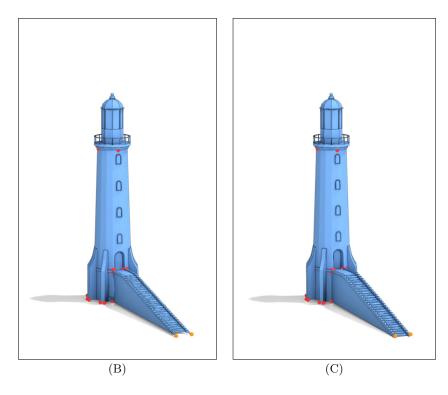


Question 25: Ours: 7, Conformal: 2, Both: 0, Neither: 1



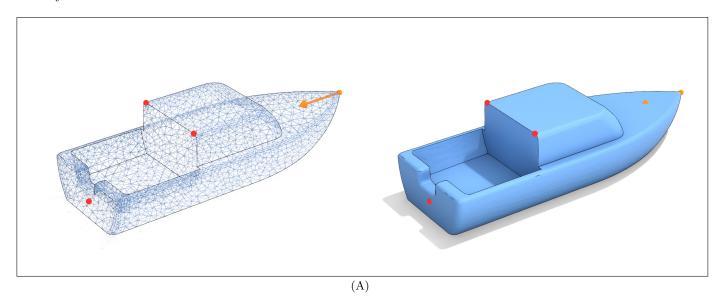
Question 26: Ours: 1, Poisson: 0, Both: 7, Neither: 2

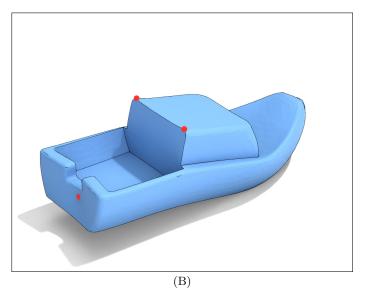


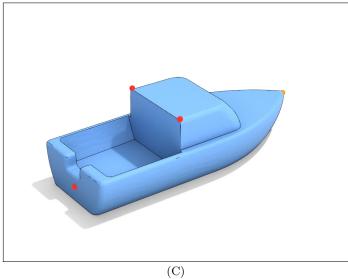


Question 27: Ours: 10, ARAP: 0, Both: 0, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

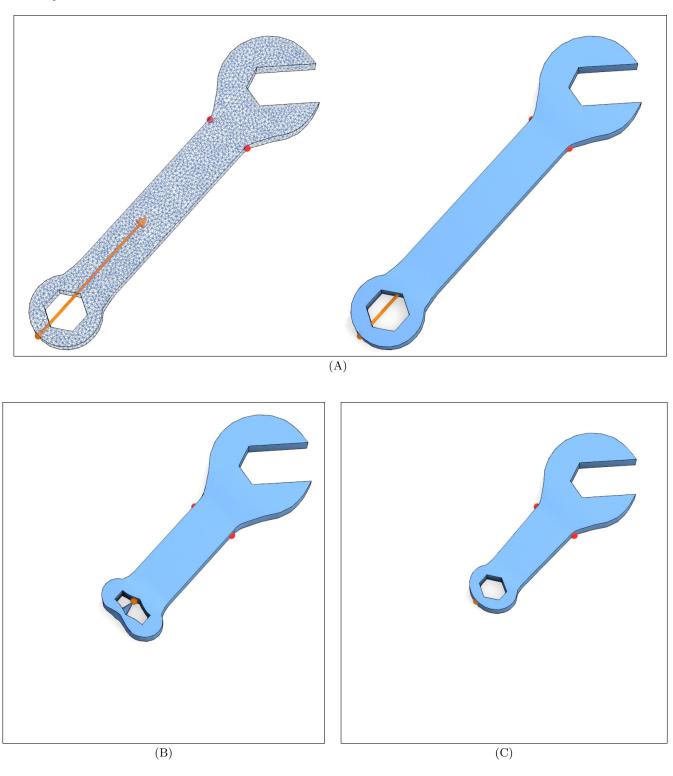






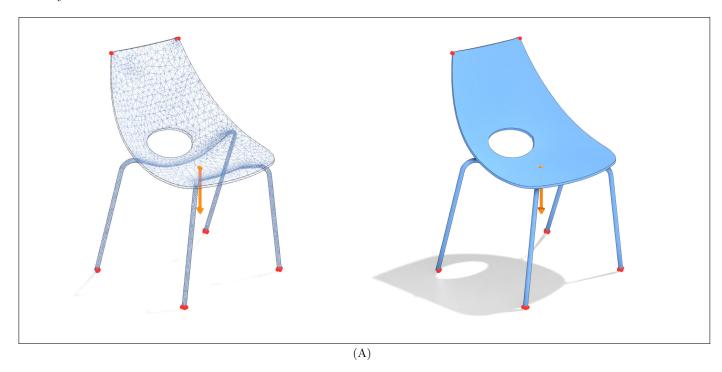
Question 28: Ours: 8, Poisson: 0, Both: 0, Neither: 2

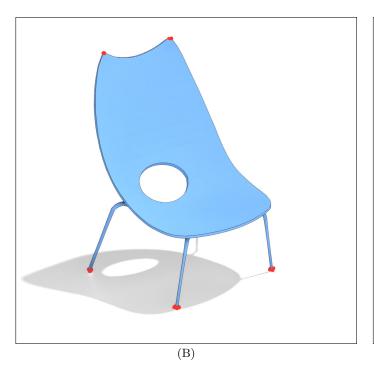
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

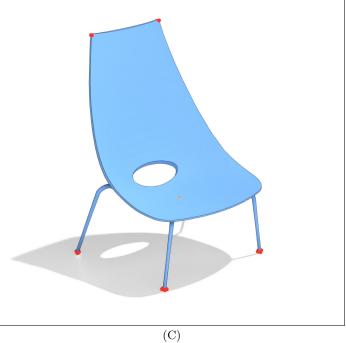


Question 29: Ours: 7, Our 3D ALUP: 1, Both: 0, Neither: 2

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

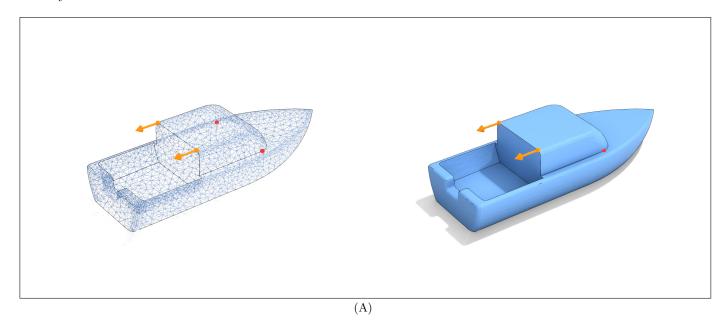


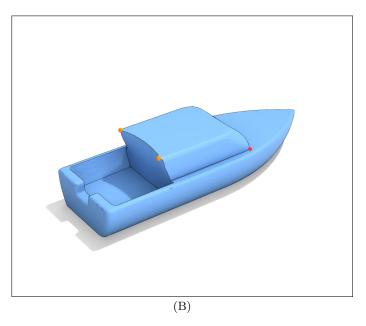


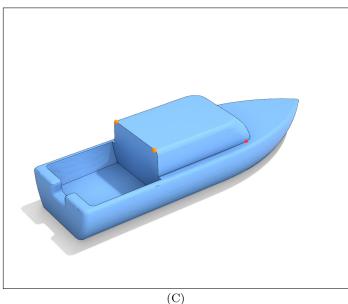


Question 30: Ours: 7, Poisson: 3, Both: 0, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

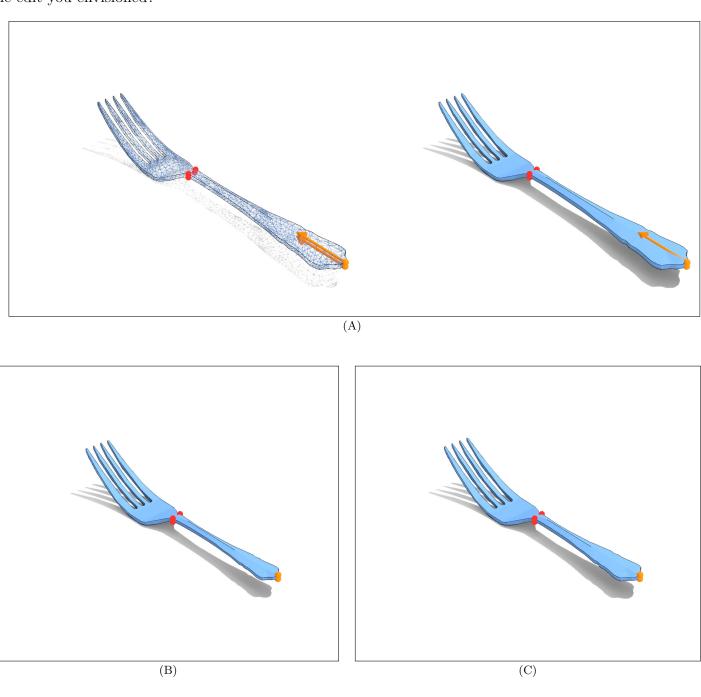




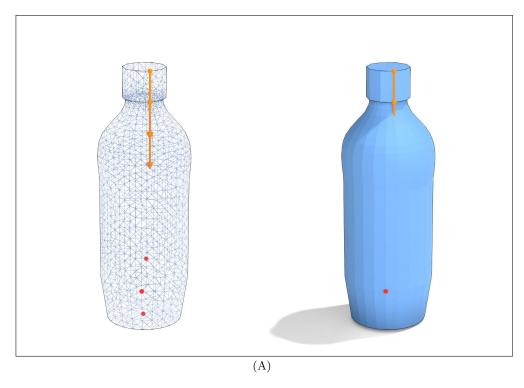


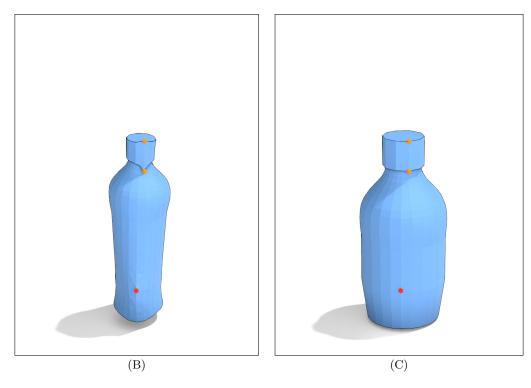
Question 31: Ours: 4, Our 3D ALUP: 1, Both: 5, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

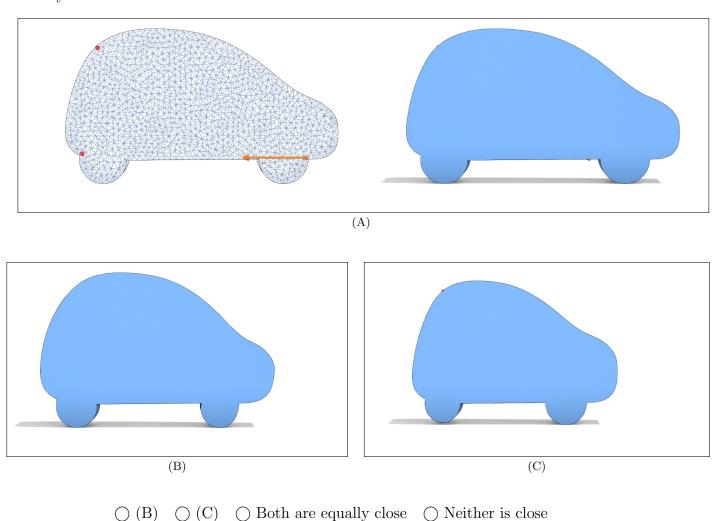


Question 32: Ours: 9, Conformal: 0, Both: 0, Neither: 1



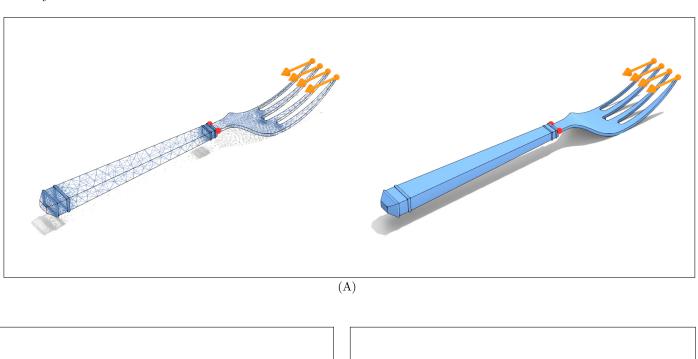


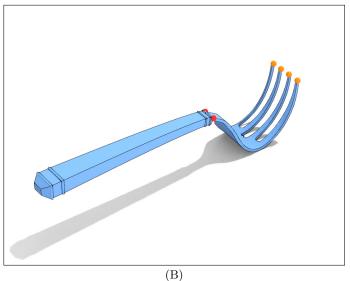
Question 33: Ours: 3, Poisson: 5, Both: 2, Neither: 0

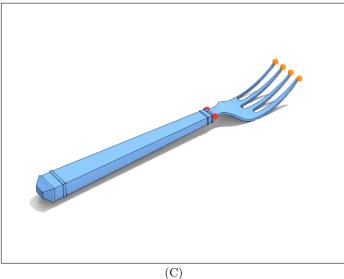


Question 34: Ours: 8, ARAP: 1, Both: 0, Neither: 1

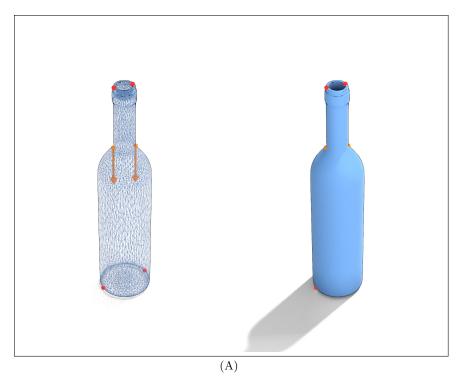
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

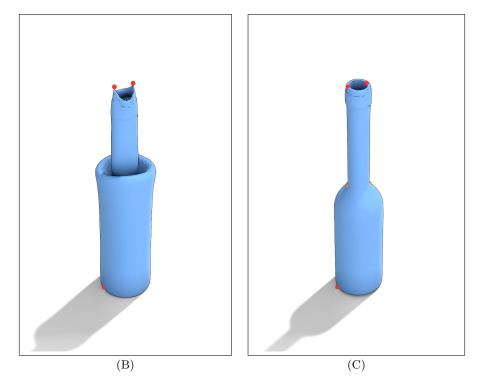






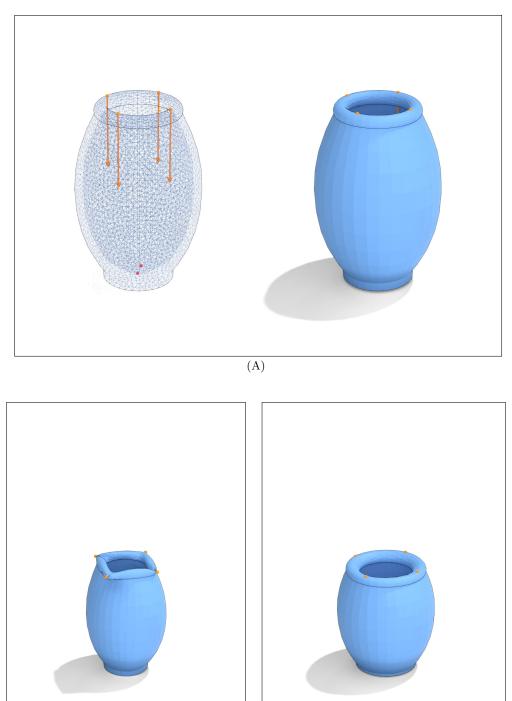
Question 35: Ours: 10, ARAP: 0, Both: 0, Neither: 0





Question 36: Ours: 10, Conformal: 0, Both: 0, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?



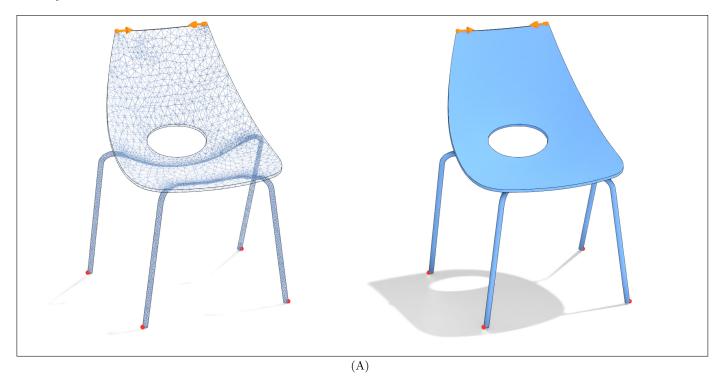
 \bigcirc (B) \bigcirc (C) \bigcirc Both are equally close \bigcirc Neither is close

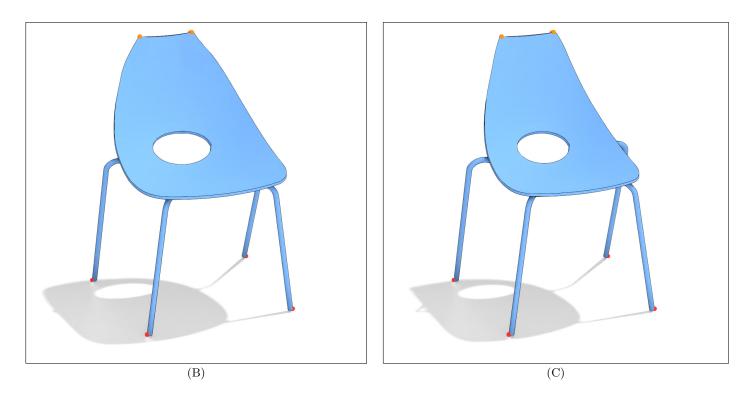
(C)

(B)

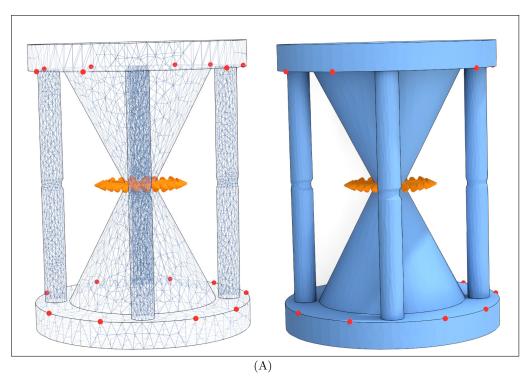
Question 37: Ours: 7, Poisson: 2, Both: 0, Neither: 1

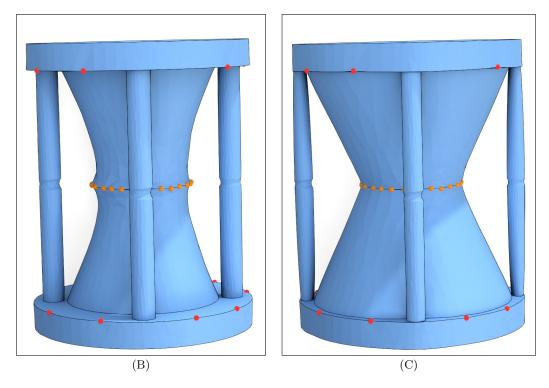
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?





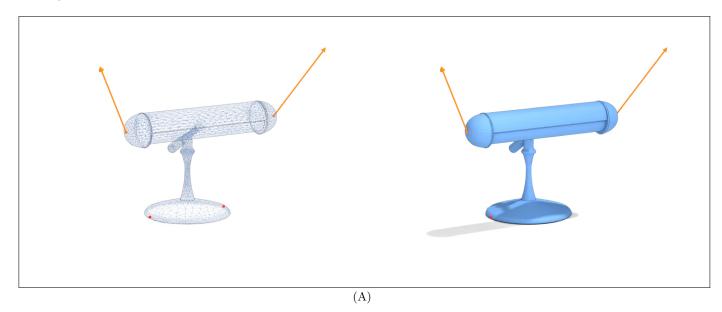
Question 38: Ours: 10, Poisson: 0, Both: 0, Neither: 0

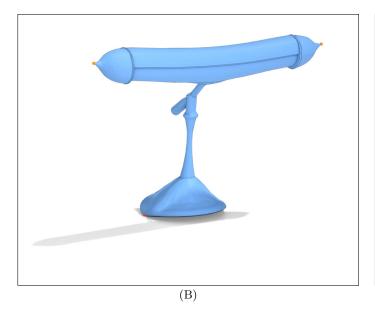


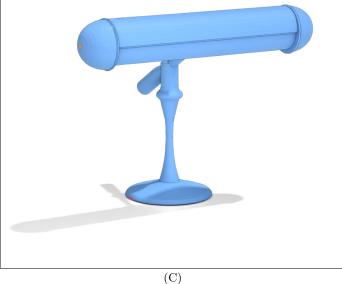


Question 39: Ours: 8, Poisson: 0, Both: 0, Neither: 2

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

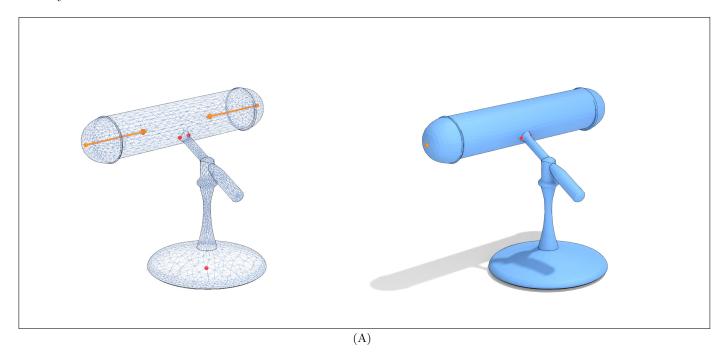


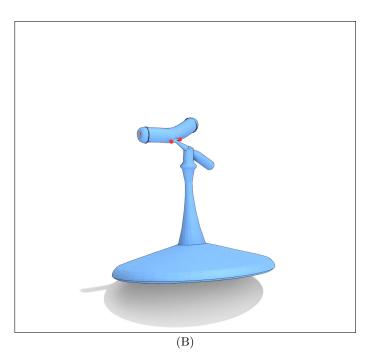


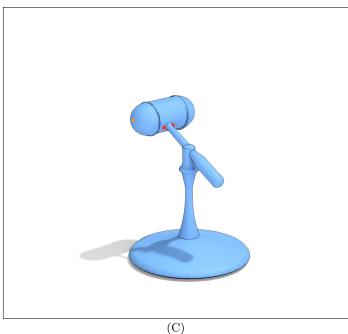


Question 40: Ours: 10, Conformal: 0, Both: 0, Neither: 0

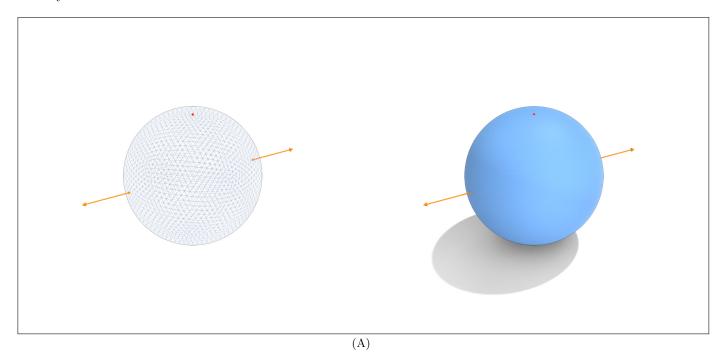
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

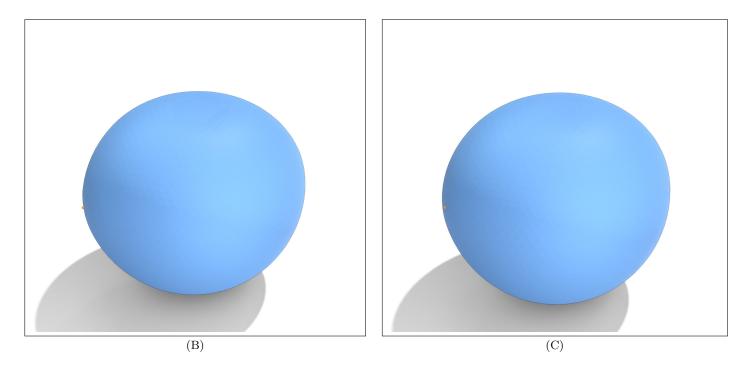




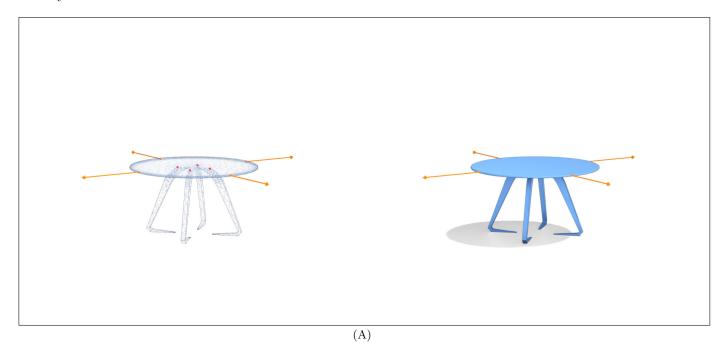


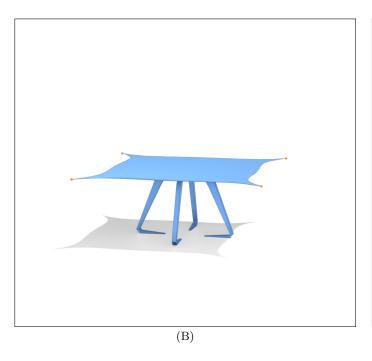
Question 41: Ours: 0, Our 3D ALUP: 0, Both: 6, Neither: 4

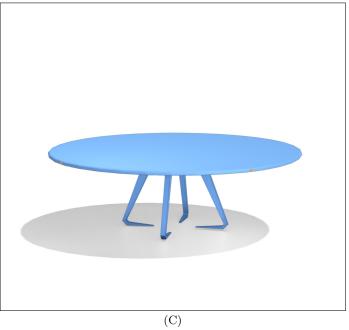




Question 42: Ours: 10, ARAP: 0, Both: 0, Neither: 0

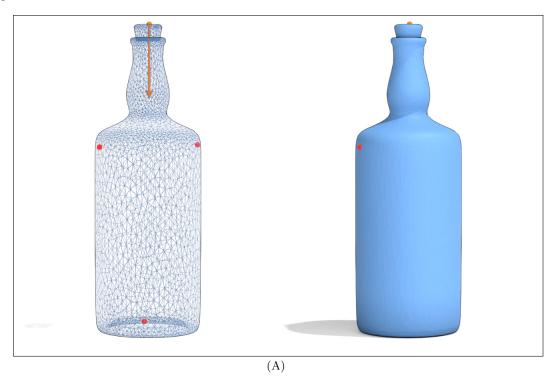


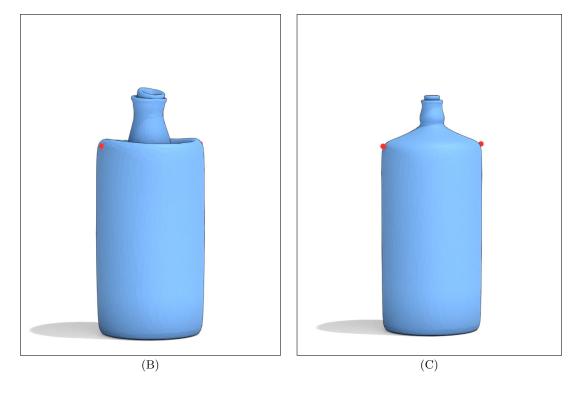




Question 43: Ours: 10, ARAP: 0, Both: 0, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

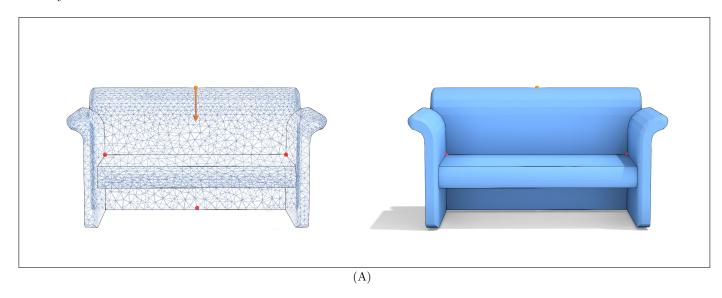


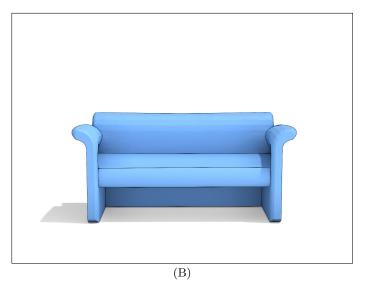


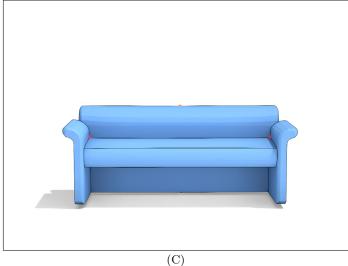
 \bigcirc (B)

Question 44: Ours: 6, Our 3D ALUP: 2, Both: 2, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

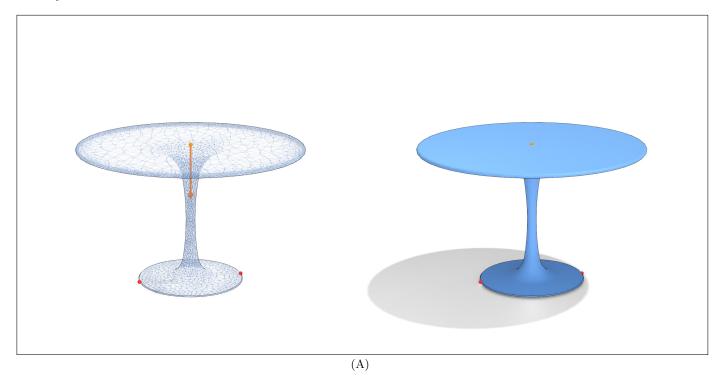


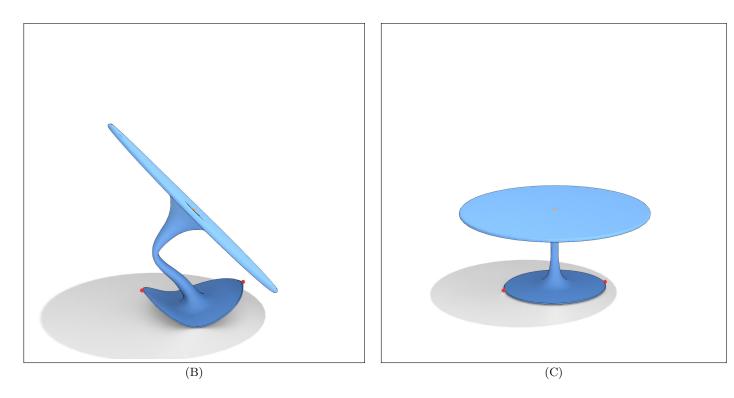




Question 45: Ours: 10, Conformal: 0, Both: 0, Neither: 0

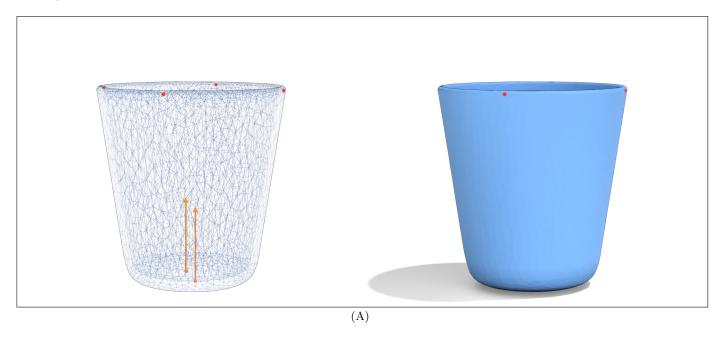
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

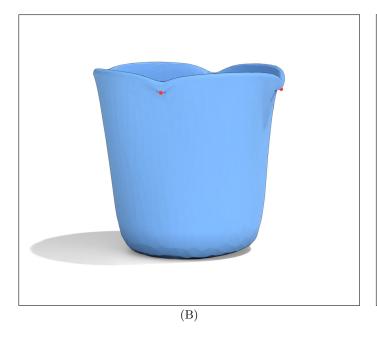


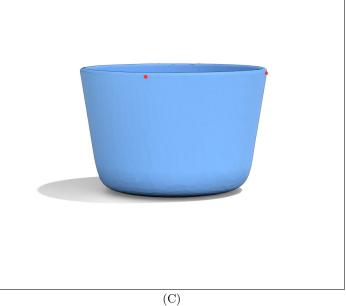


Question 46: Ours: 10, ARAP: 0, Both: 0, Neither: 0

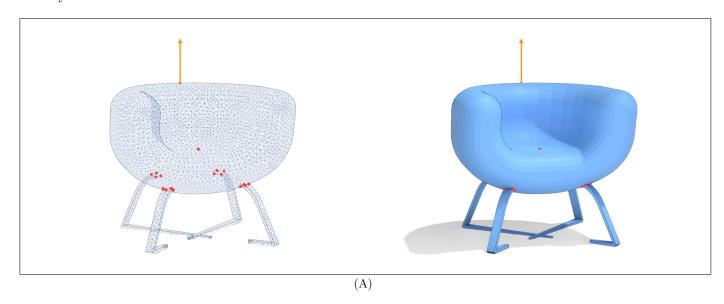
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

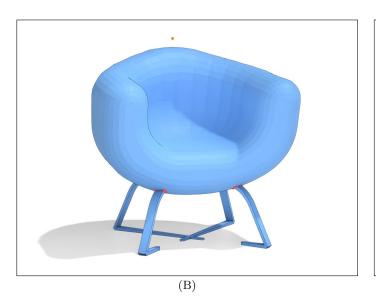


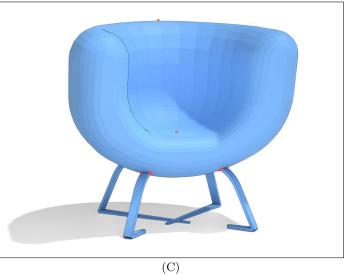




Question 47: Ours: 10, Our 3D ALUP: 0, Both: 0, Neither: 0

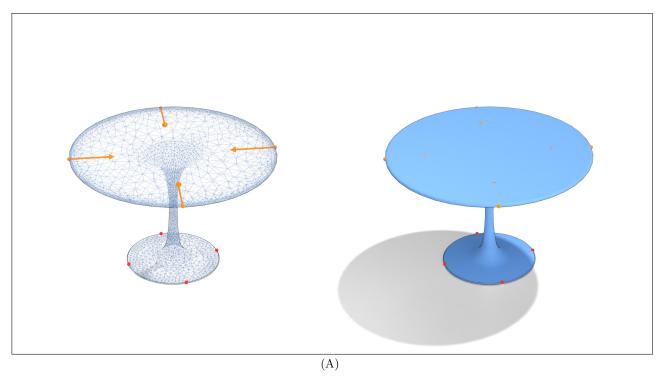


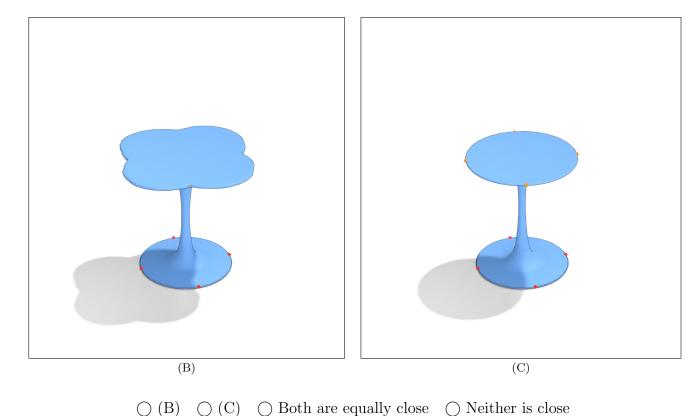




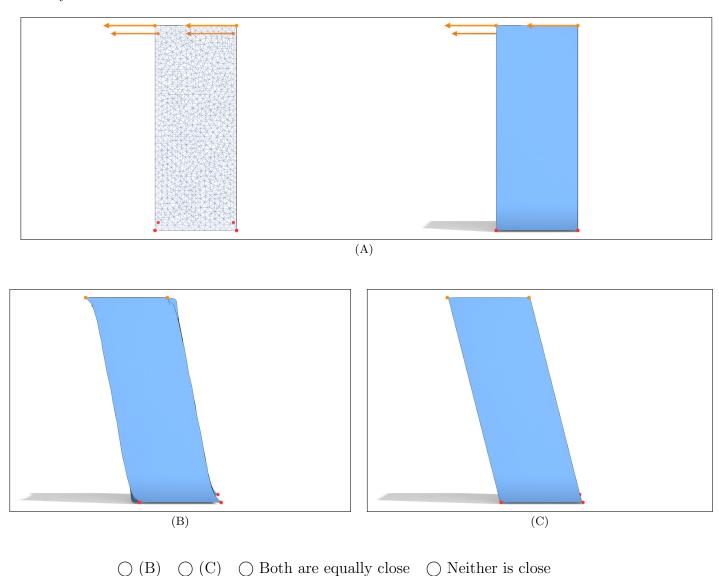
 \bigcirc (B) \bigcirc (C) \bigcirc Both are equally close \bigcirc Neither is close

Question 48: Ours: 10, Poisson: 0, Both: 0, Neither: 0

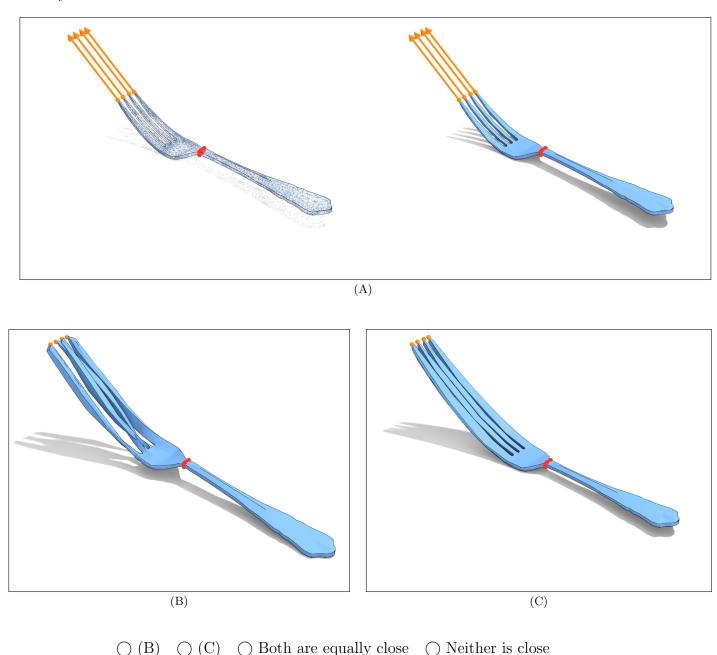




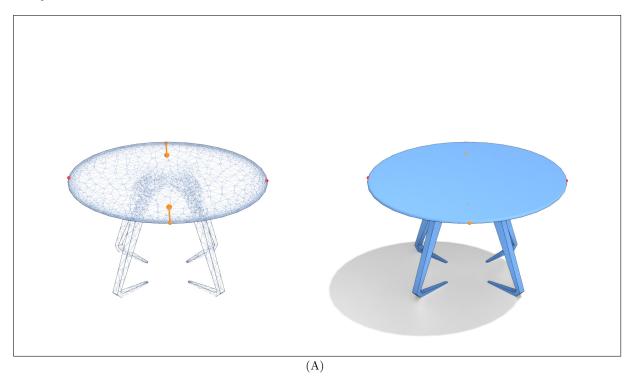
Question 49: Ours: 10, Poisson: 0, Both: 0, Neither: 0

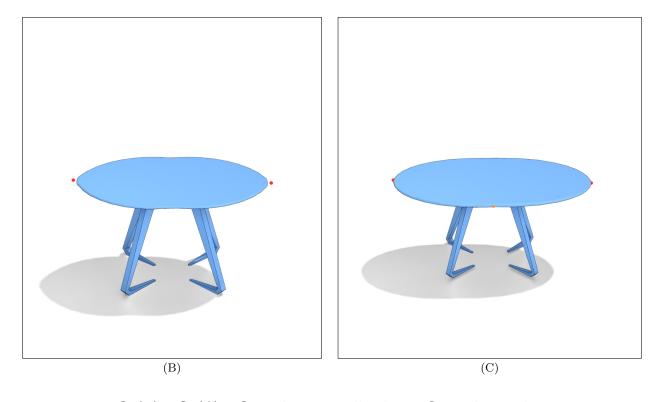


Question 50: Ours: 8, Conformal: 0, Both: 0, Neither: 2

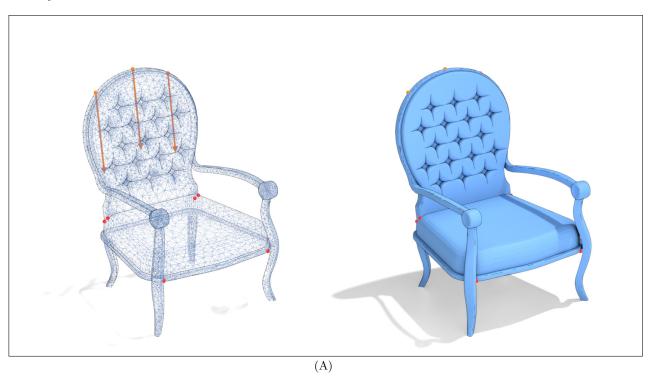


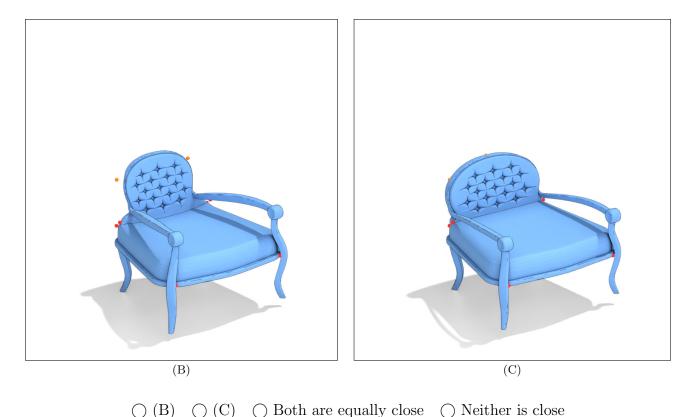
Question 51: Ours: 9, Our 3D ALUP: 0, Both: 0, Neither: 1





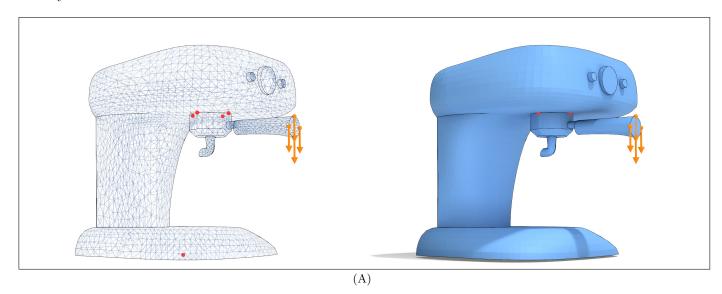
Question 52: Ours: 10, Our 3D ALUP: 0, Both: 0, Neither: 0

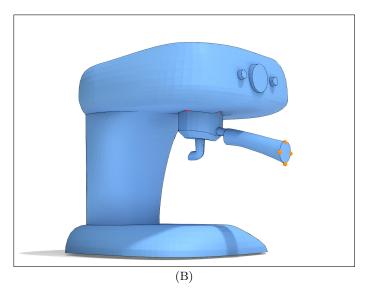


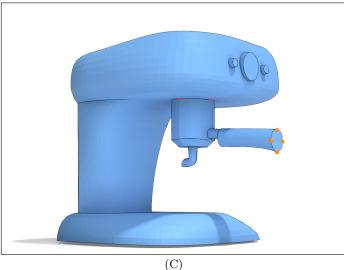


Question 53: Ours: 9, Our 3D ALUP: 1, Both: 0, Neither: 0

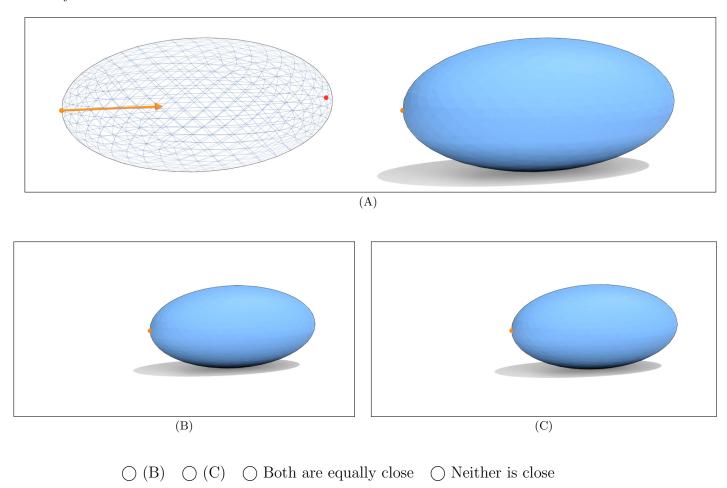
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?





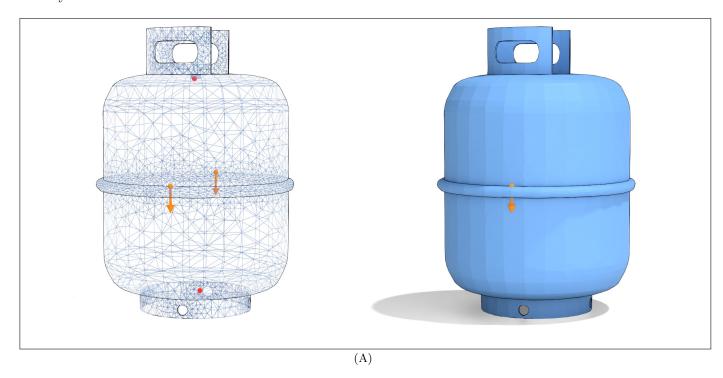


Question 54: Ours: 0, Conformal: 0, Both: 9, Neither: 1



Question 55: Ours: 10, ARAP: 0, Both: 0, Neither: 0

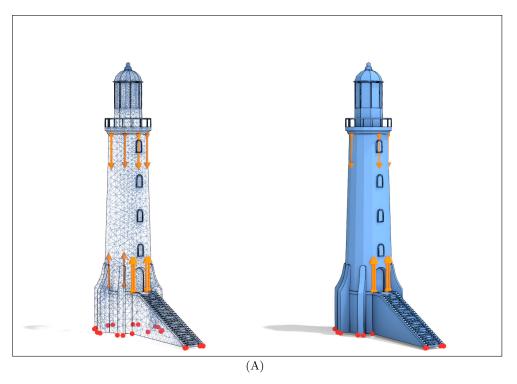
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

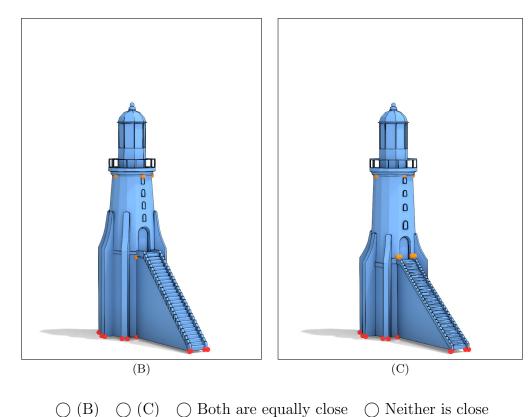






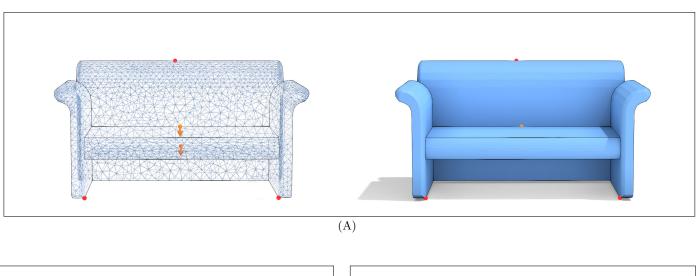
Question 56: Ours: 5, Artist: 3, Both: 2, Neither: 0

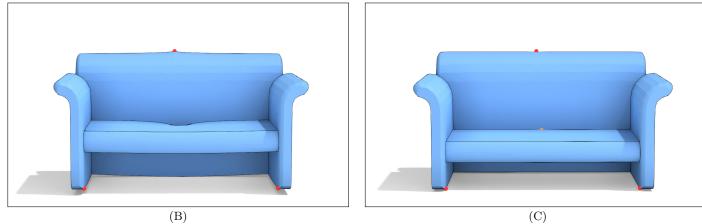




Question 57: Ours: 10, Poisson: 0, Both: 0, Neither: 0

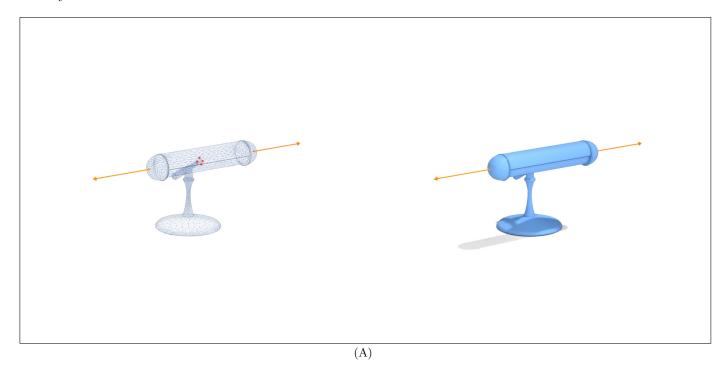
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

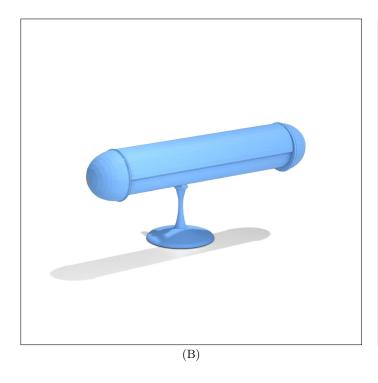


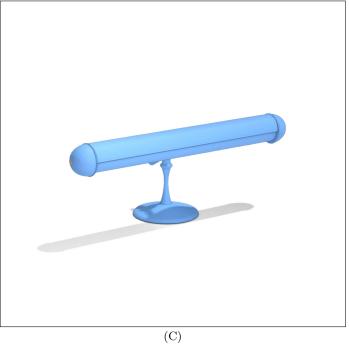


Question 58: Ours: 9, Our 3D ALUP: 1, Both: 0, Neither: 0

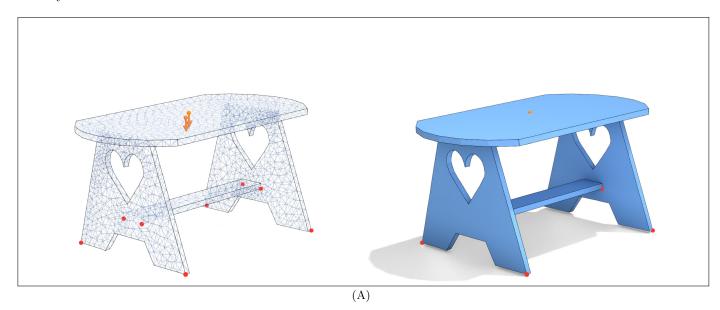
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

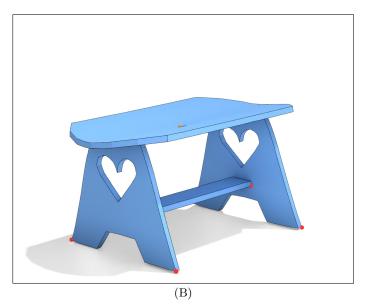


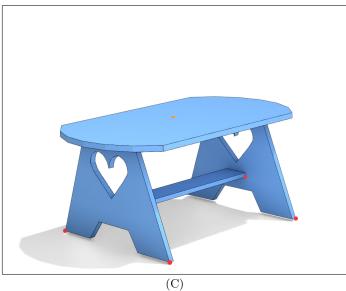




Question 59: Ours: 10, Conformal: 0, Both: 0, Neither: 0



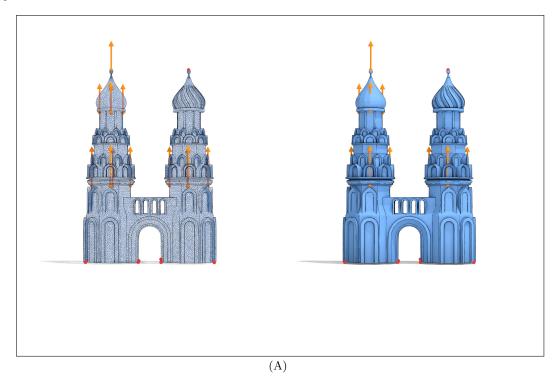


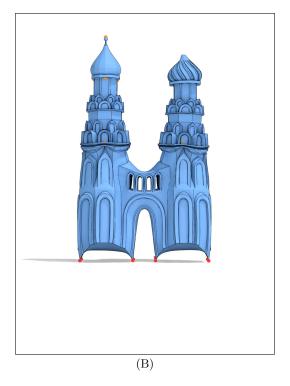


 \bigcirc (B) \bigcirc (C) \bigcirc Both are equally close \bigcirc Neither is close

Question 60: Ours: 10, ARAP: 0, Both: 0, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

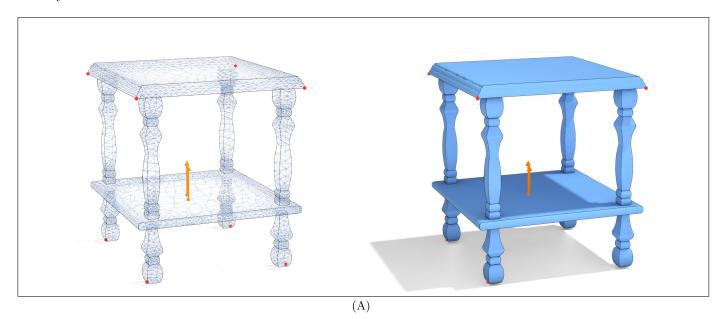


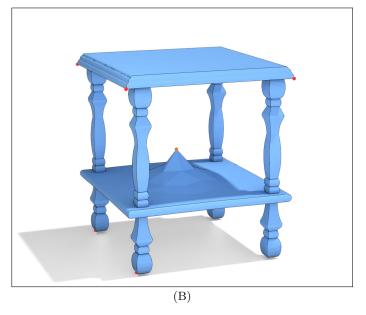


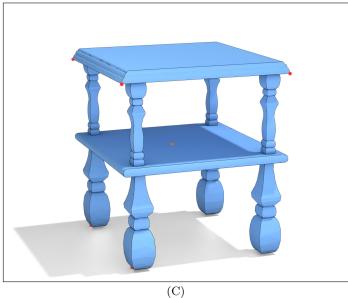


Question 61: Ours: 10, Poisson: 0, Both: 0, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

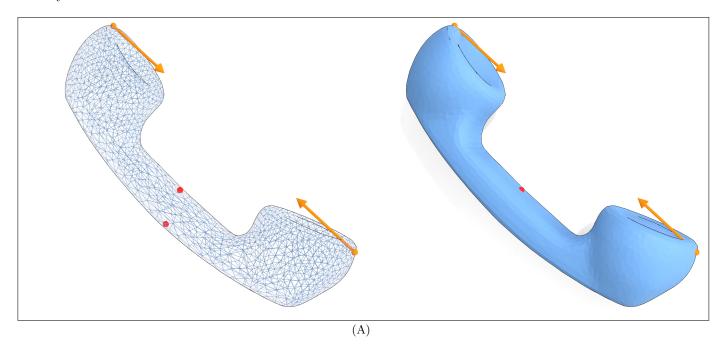


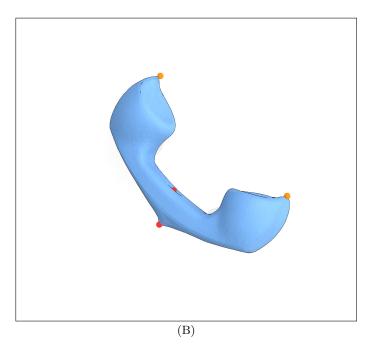


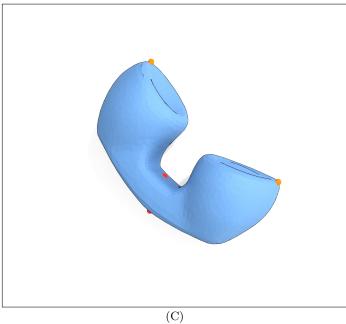


Question 62: Ours: 10, Conformal: 0, Both: 0, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

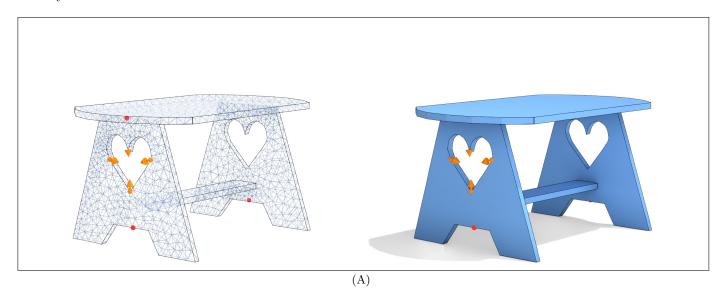


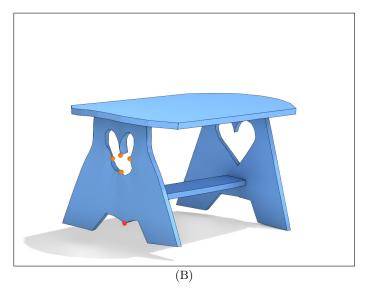


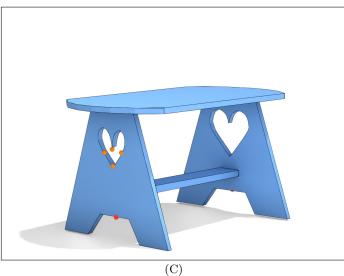


Question 63: Ours: 10, Conformal: 0, Both: 0, Neither: 0

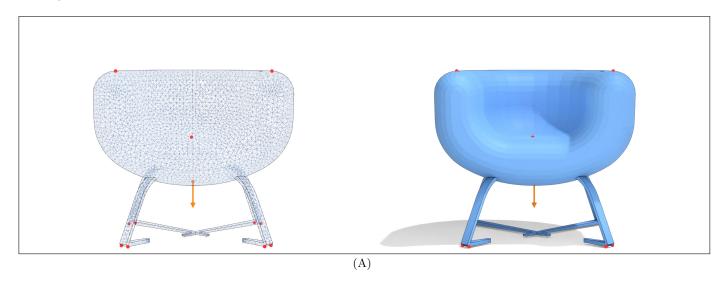
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

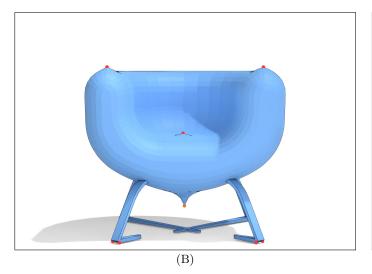


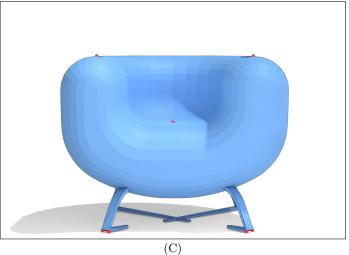




Question 64: Ours: 9, Poisson: 0, Both: 0, Neither: 1



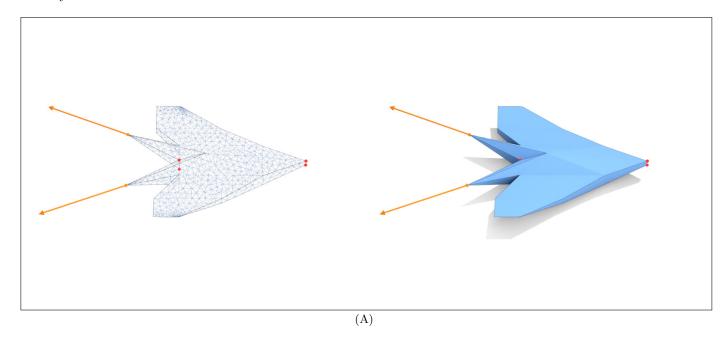


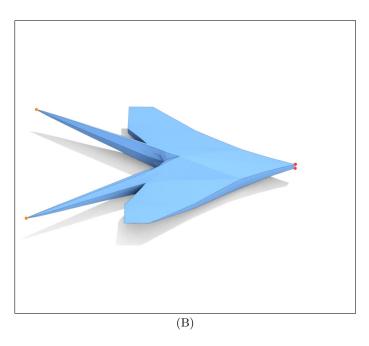


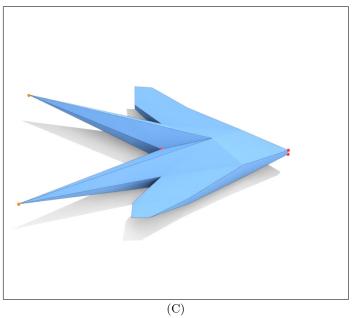
 \bigcirc (B) \bigcirc (C) \bigcirc Both are equally close \bigcirc Neither is close

Question 65: Ours: 4, Poisson: 4, Both: 2, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

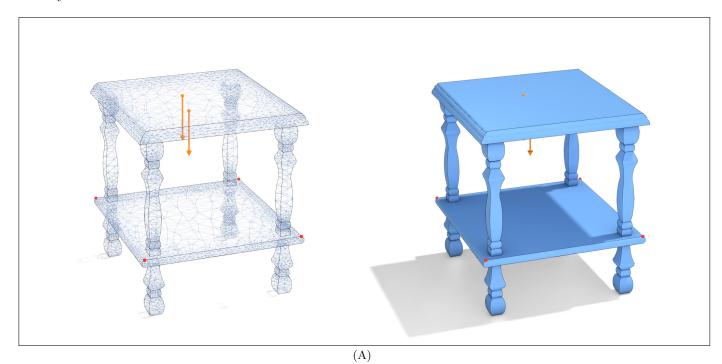






Question 66: Ours: 10, ARAP: 0, Both: 0, Neither: 0

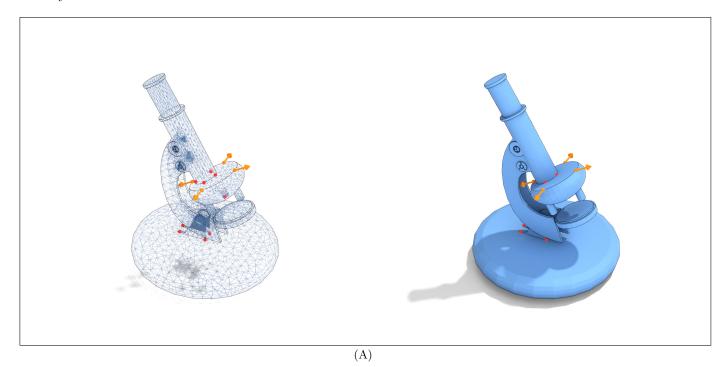
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

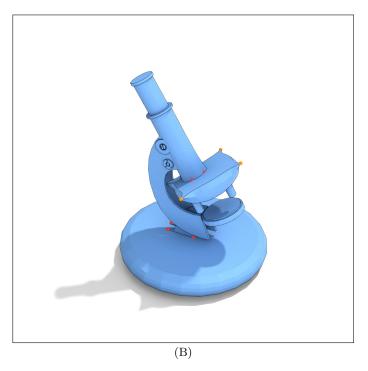


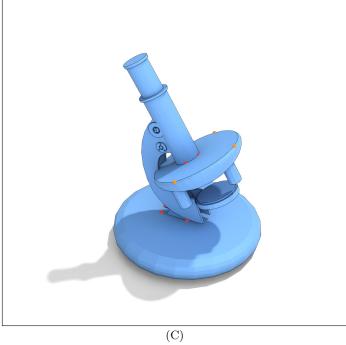




Question 67: Ours: 10, Poisson: 0, Both: 0, Neither: 0

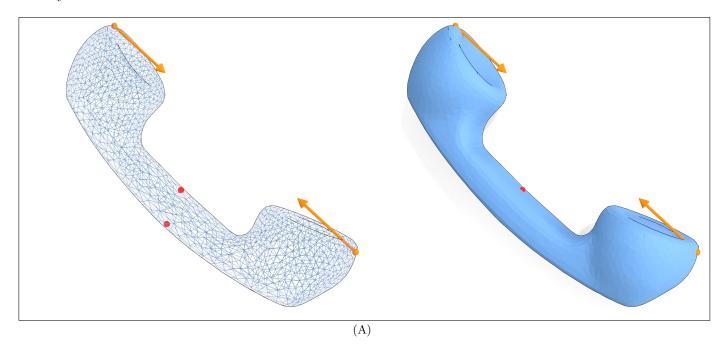


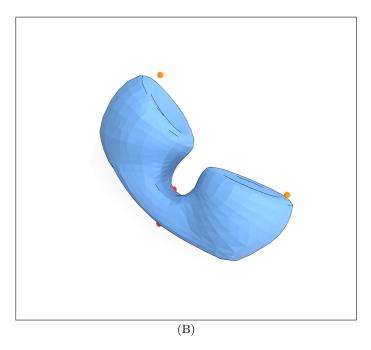


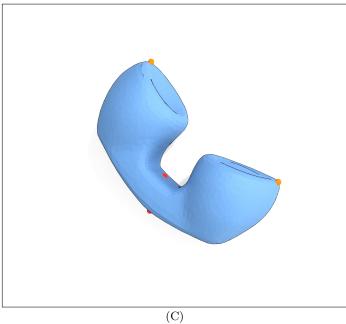


Question 68: Ours: 7, Artist: 1, Both: 2, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

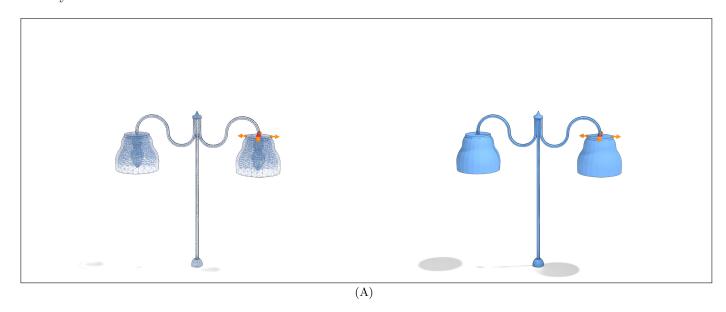




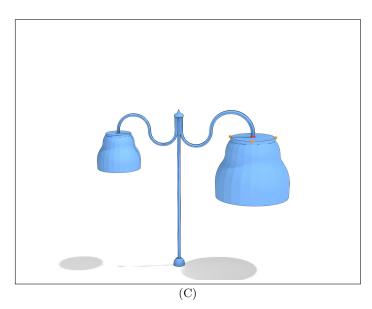


Question 69: Ours: 1, Our 3D ALUP: 0, Both: 9, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

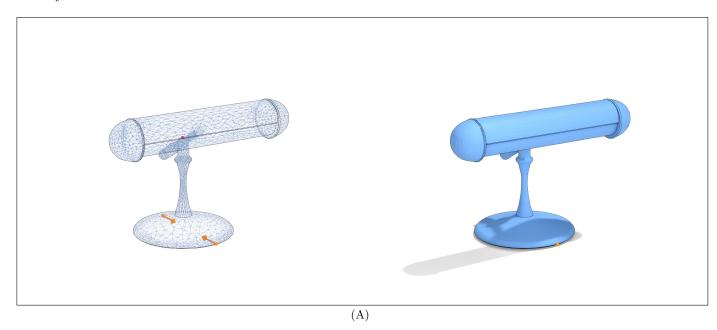


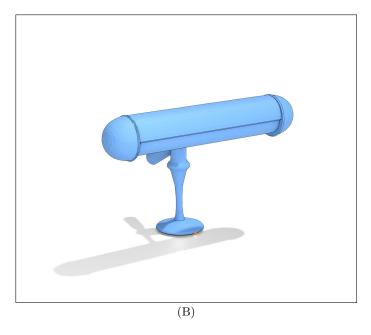
(B)

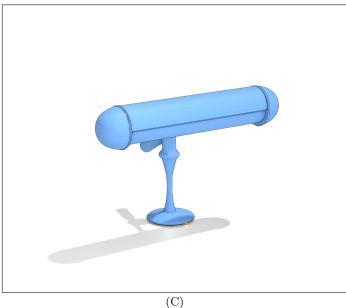


Question 70: Ours: 0, Our 3D ALUP: 0, Both: 10, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

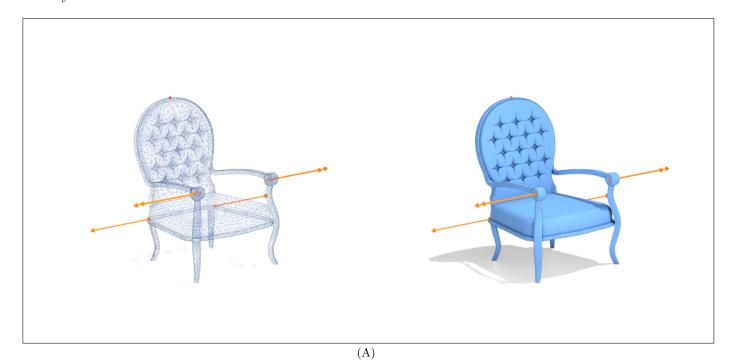


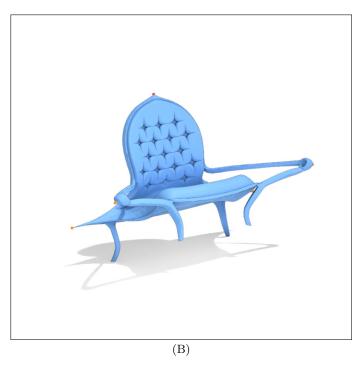


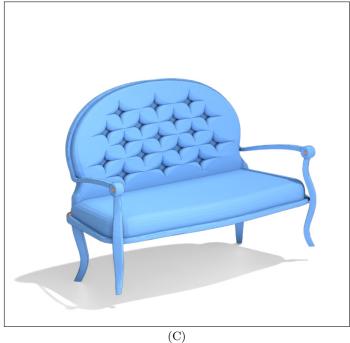


Question 71: Ours: 10, ARAP: 0, Both: 0, Neither: 0

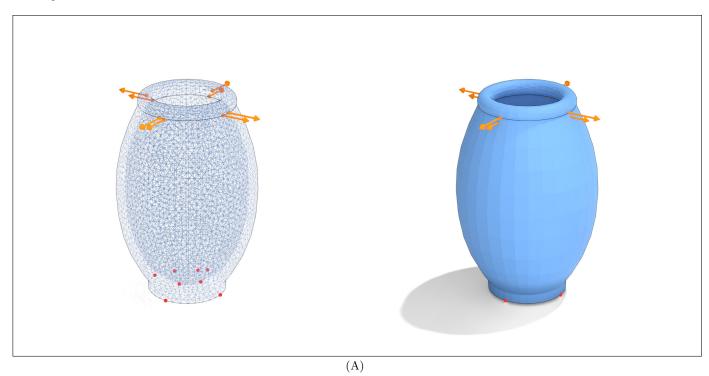
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

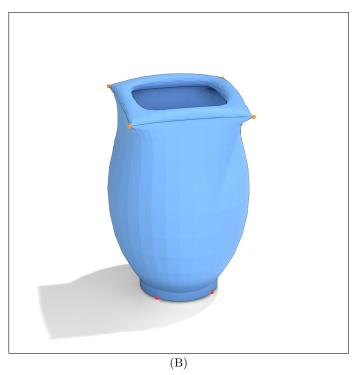


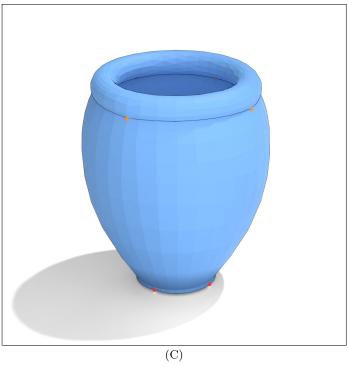




Question 72: Ours: 10, ARAP: 0, Both: 0, Neither: 0



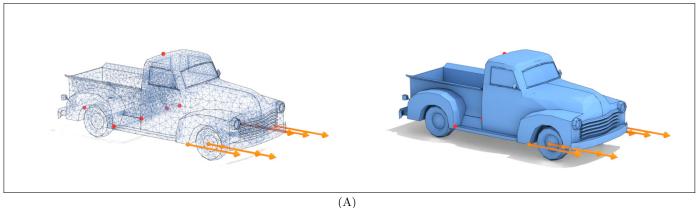




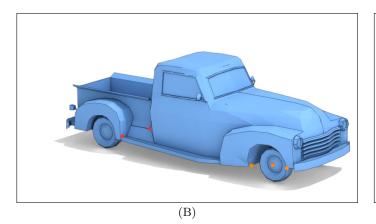
 \bigcirc (B) \bigcirc (C) \bigcirc Both are equally close \bigcirc Neither is close

Question 73: Ours: 8, Our 3D ALUP: 1, Both: 1, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?



(A)

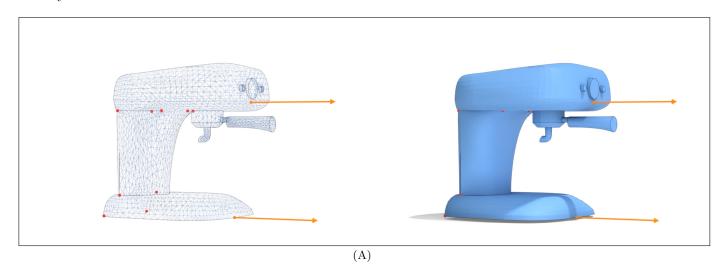


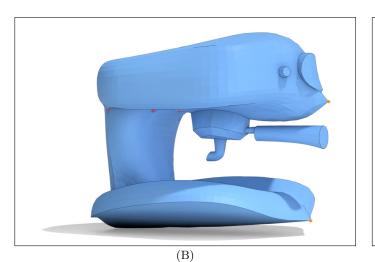
(C)

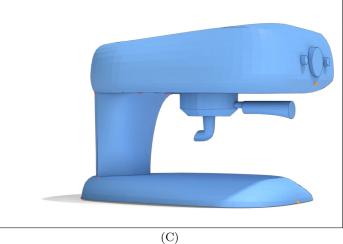
(B) (C) (Both are equally close (Neither is close

Question 74: Ours: 10, Conformal: 0, Both: 0, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?



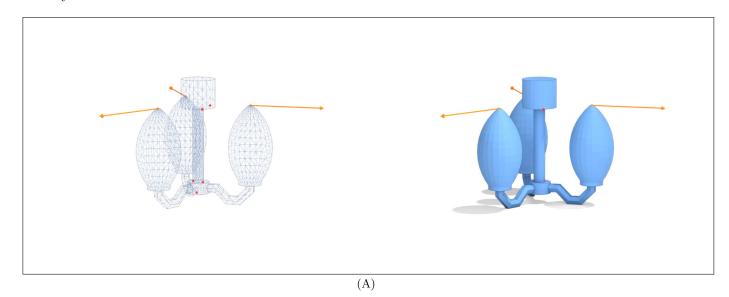


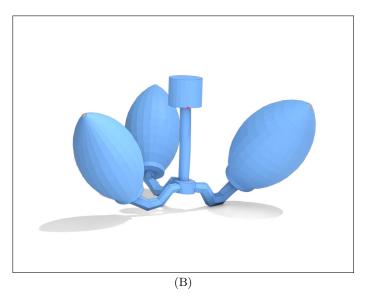


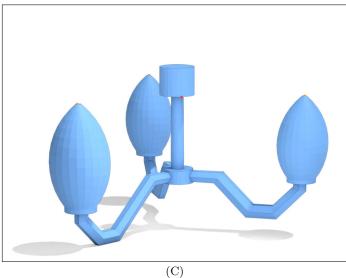
(B) (C) (Both are equally close (Neither is close

Question 75: Ours: 6, Conformal: 3, Both: 0, Neither: 1

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

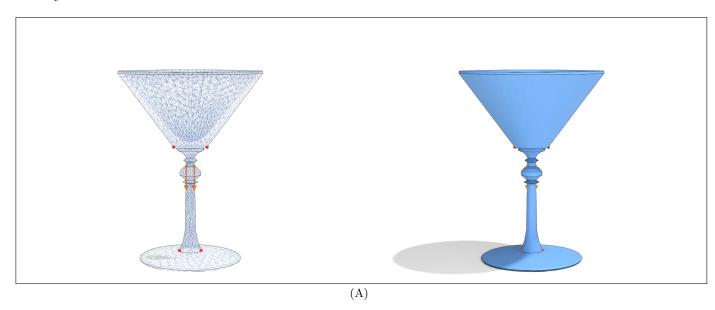


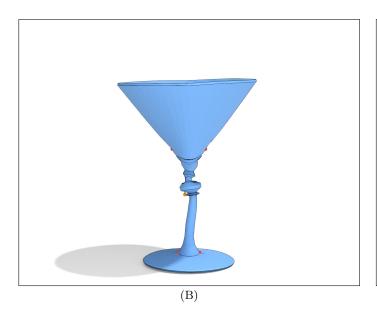


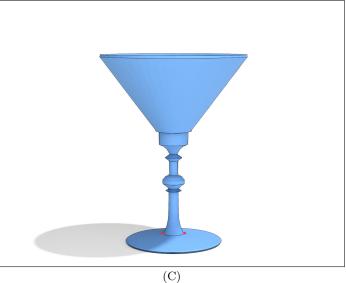


Question 76: Ours: 10, Conformal: 0, Both: 0, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

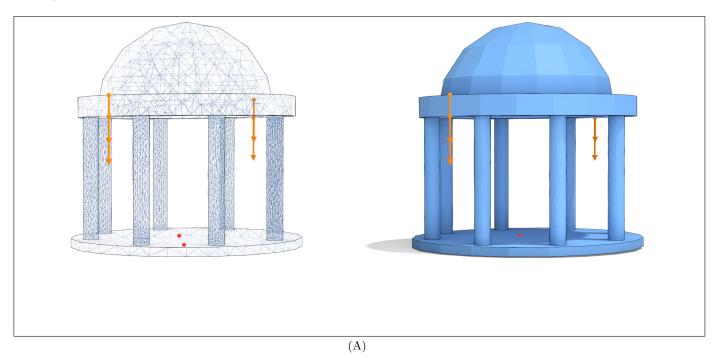


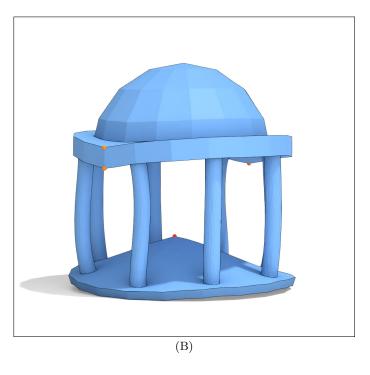


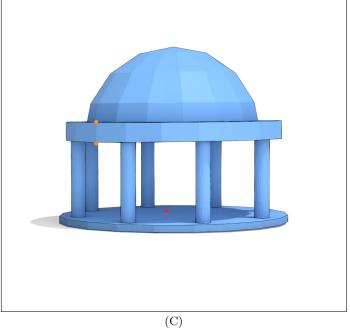


Question 77: Ours: 10, ARAP: 0, Both: 0, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

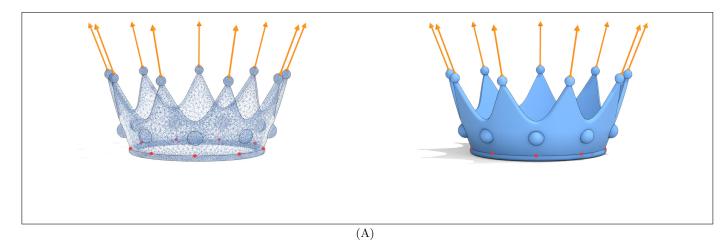


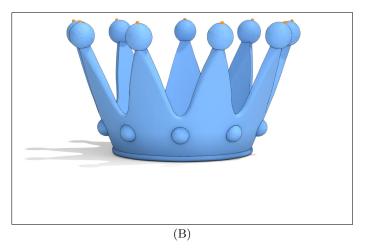


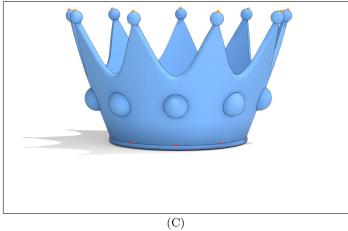


Question 78: Ours: 7, Our 3D ALUP: 2, Both: 1, Neither: 0

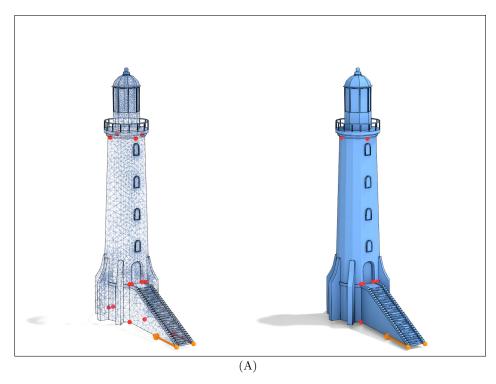
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

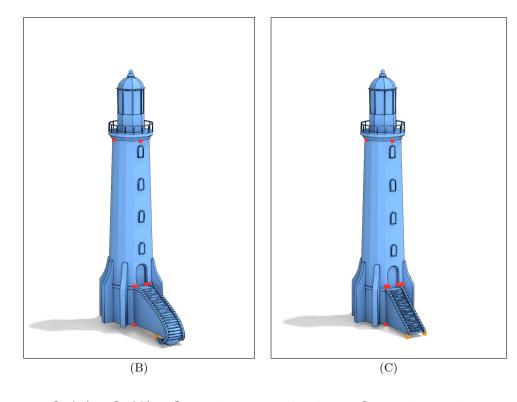






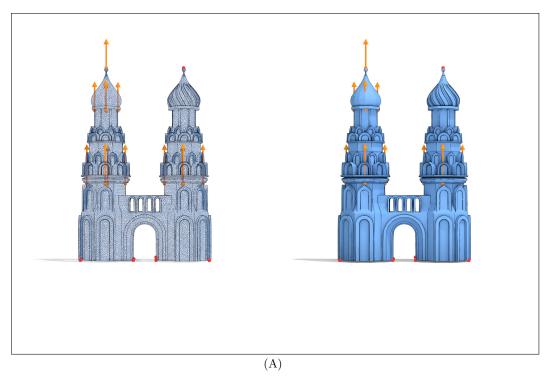
Question 79: Ours: 10, ARAP: 0, Both: 0, Neither: 0

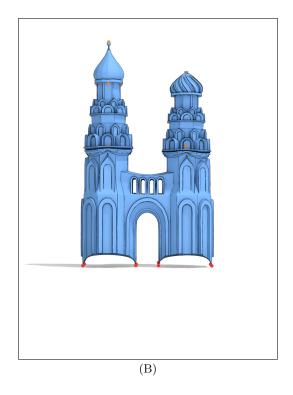


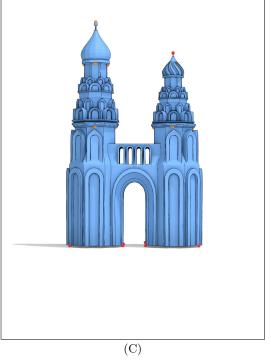


Question 80: Ours: 10, Poisson: 0, Both: 0, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

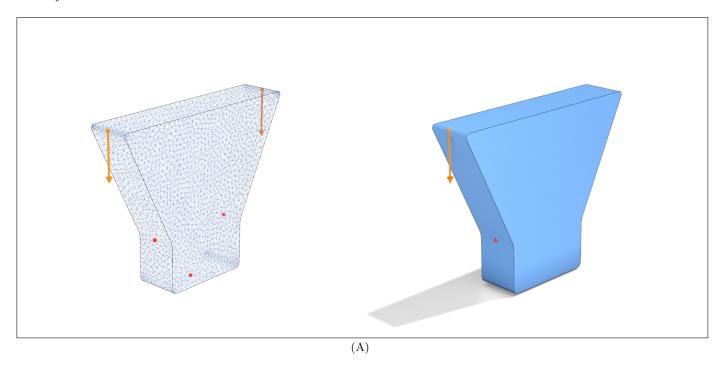


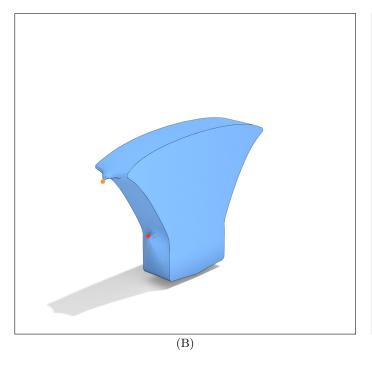


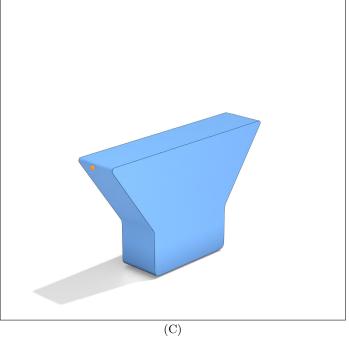


Question 81: Ours: 10, Conformal: 0, Both: 0, Neither: 0

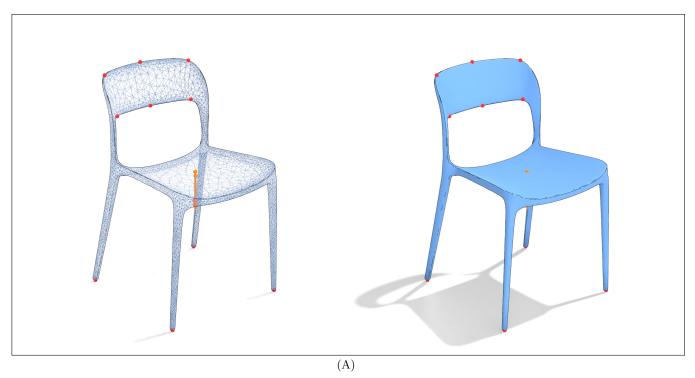
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

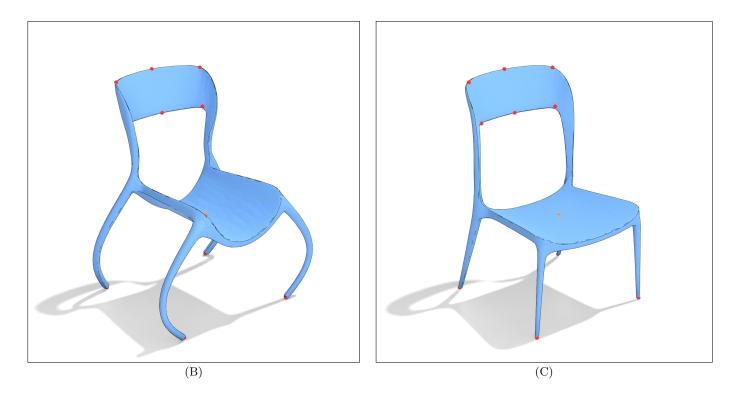






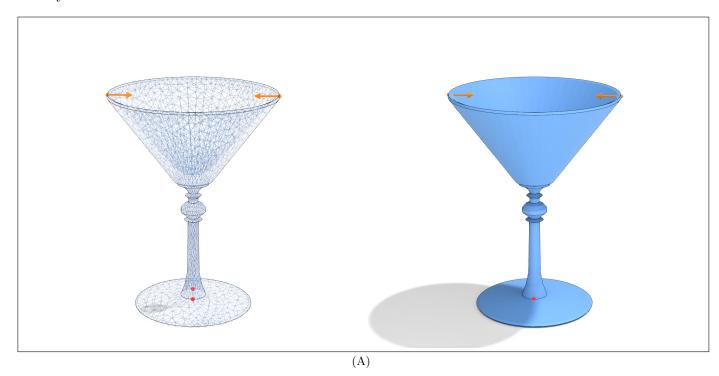
Question 82: Ours: 10, Conformal: 0, Both: 0, Neither: 0

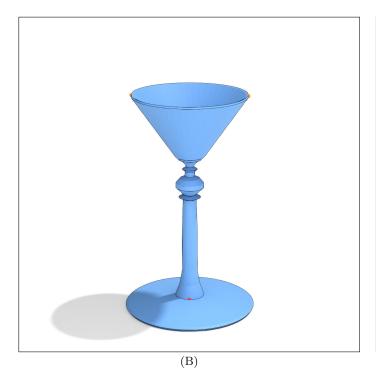


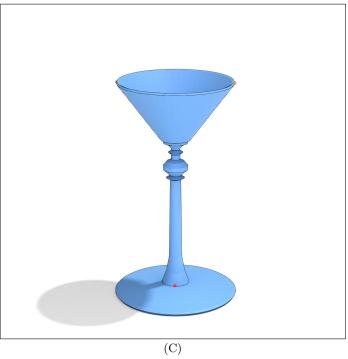


Question 83: Ours: 3, Our 3D ALUP: 1, Both: 6, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

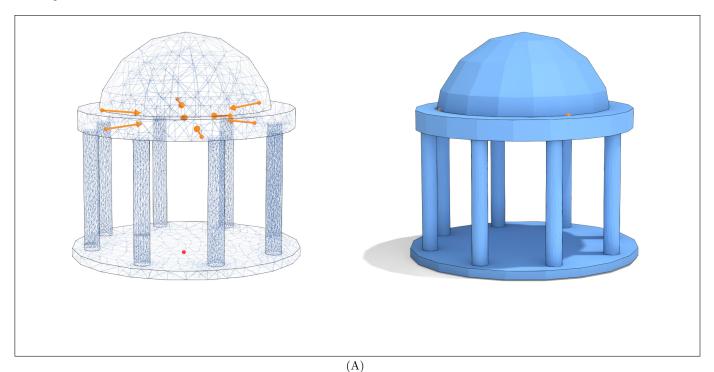




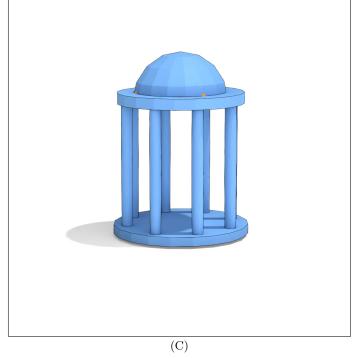


Question 84: Ours: 10, Poisson: 0, Both: 0, Neither: 0

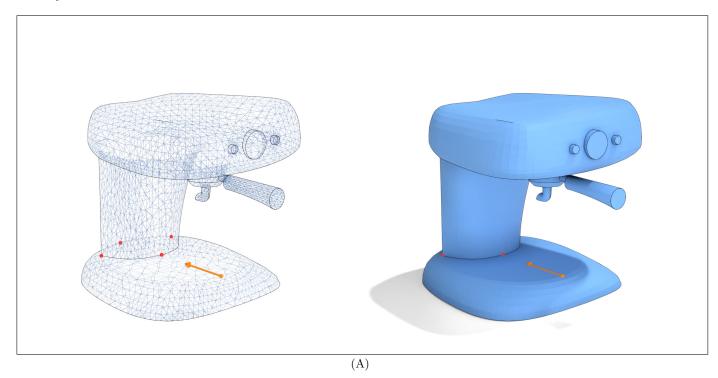
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

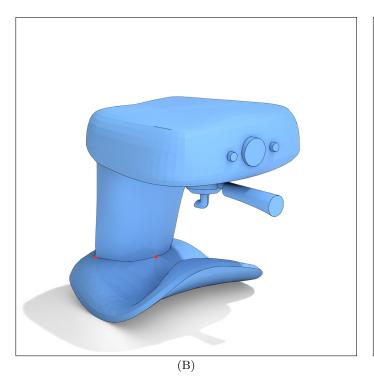


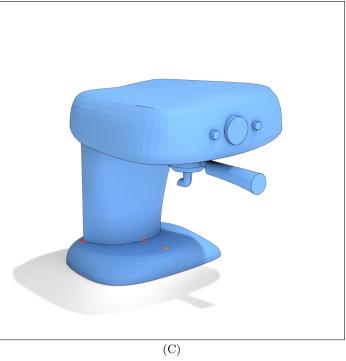
(B)



Question 85: Ours: 10, ARAP: 0, Both: 0, Neither: 0

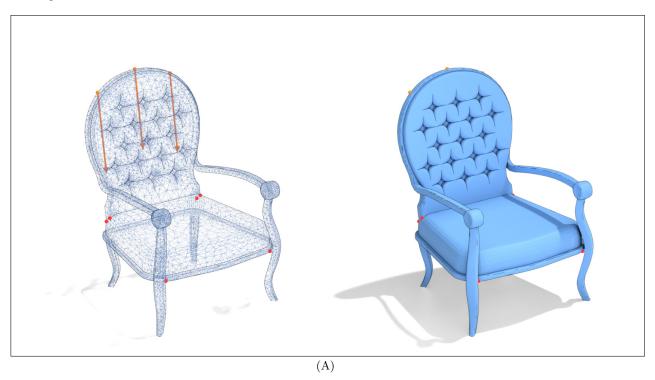


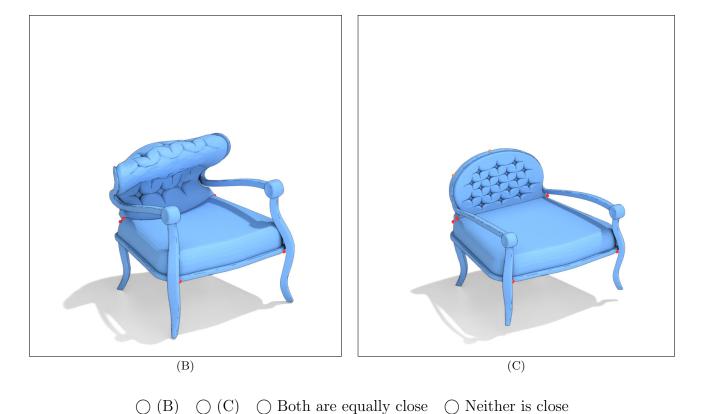




 \bigcirc (B) \bigcirc (C) \bigcirc Both are equally close \bigcirc Neither is close

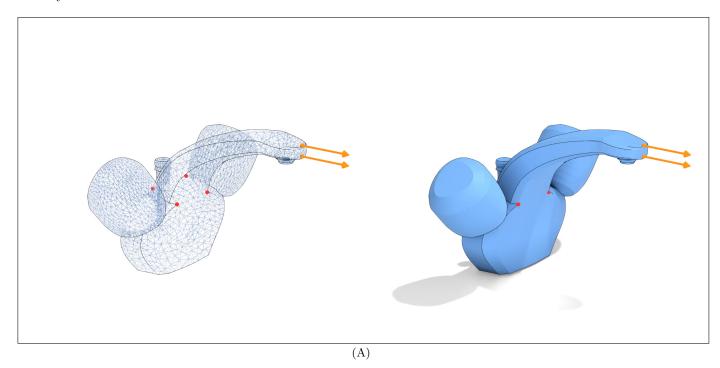
Question 86: Ours: 10, ARAP: 0, Both: 0, Neither: 0

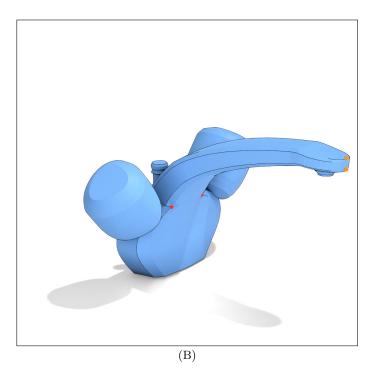


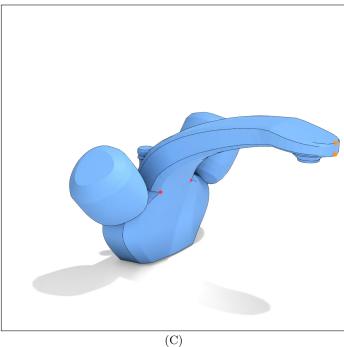


Question 87: Ours: 4, Poisson: 4, Both: 2, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

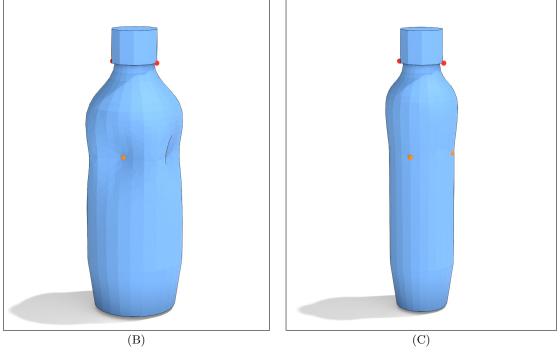




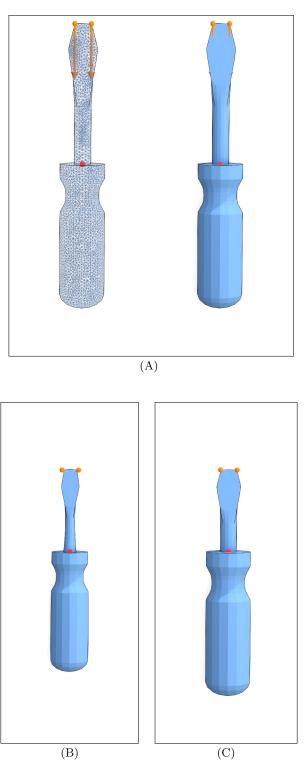


Question 88: Ours: 10, ARAP: 0, Both: 0, Neither: 0



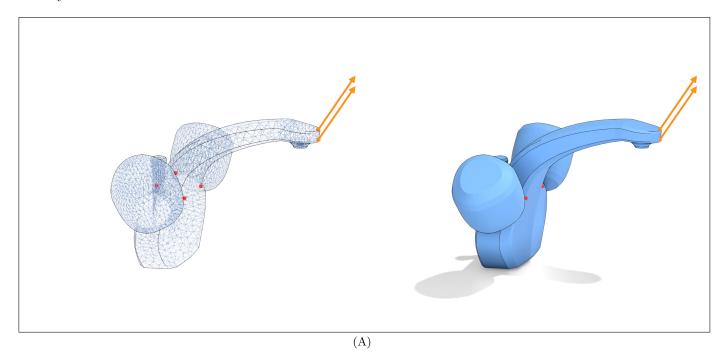


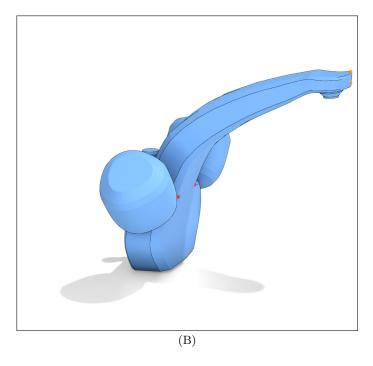
Question 89: Ours: 10, Our 3D ALUP: 0, Both: 0, Neither: 0

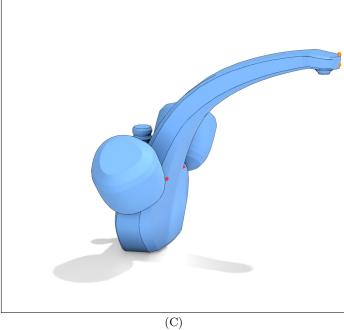


Question 90: Ours: 9, Our 3D ALUP: 0, Both: 1, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

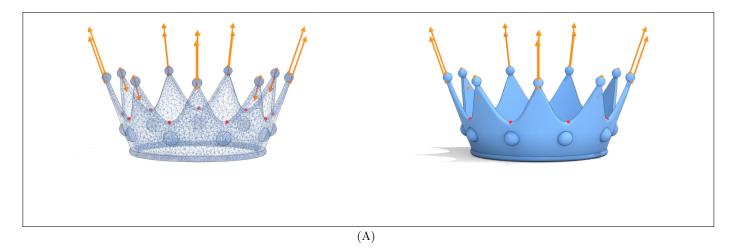


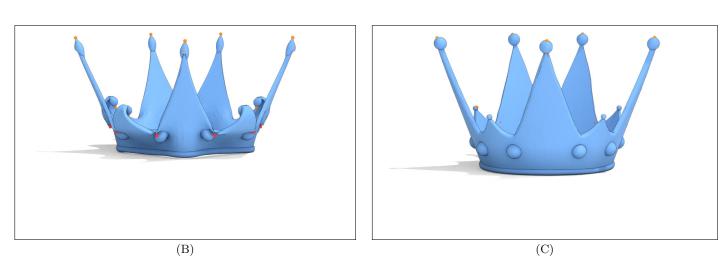




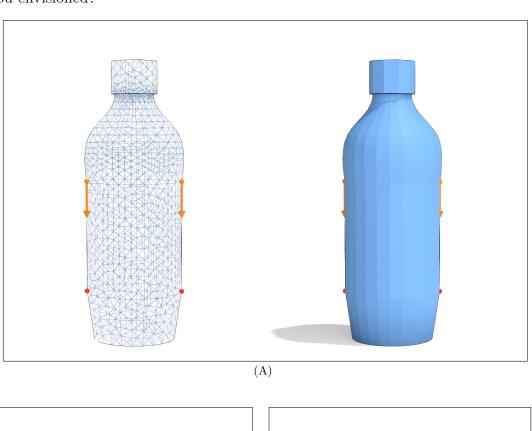
Question 91: Ours: 10, ARAP: 0, Both: 0, Neither: 0

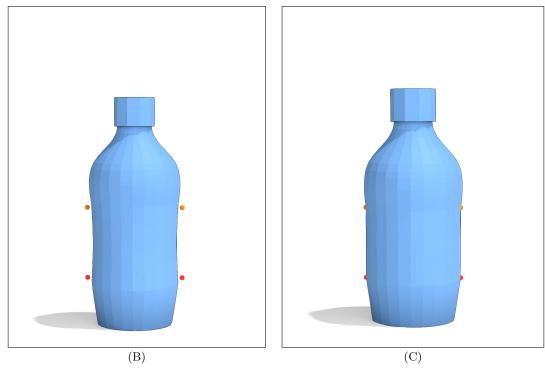
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?



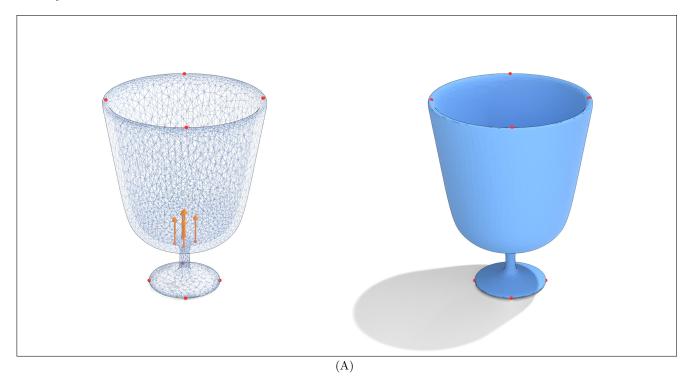


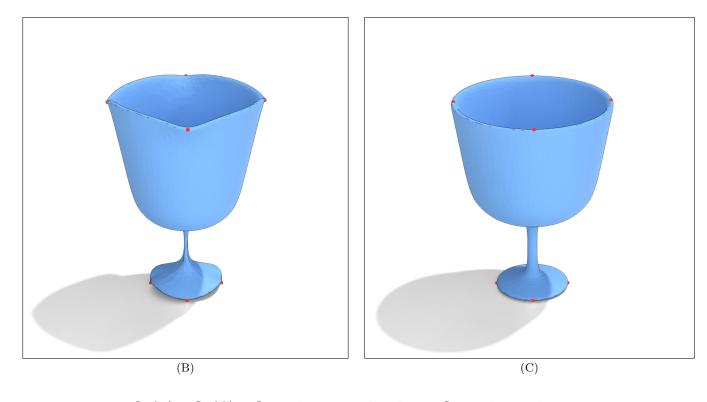
Question 92: Ours: 9, Our 3D ALUP: 0, Both: 1, Neither: 0





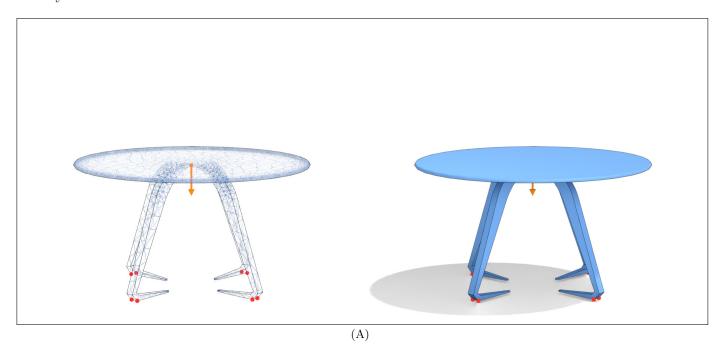
Question 93: Ours: 10, Conformal: 0, Both: 0, Neither: 0

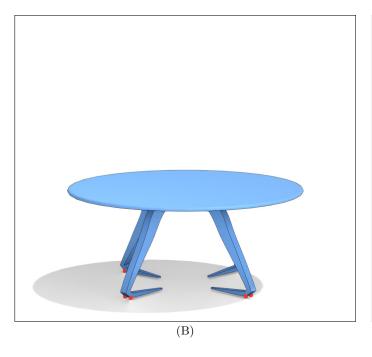


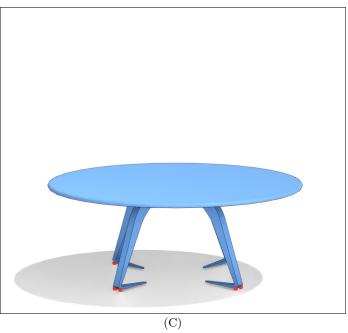


Question 94: Ours: 4, Poisson: 3, Both: 3, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

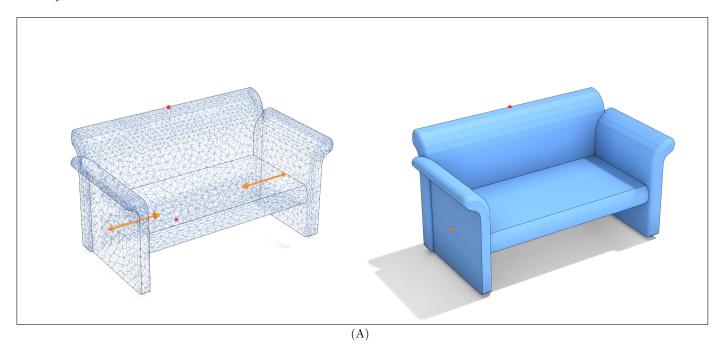


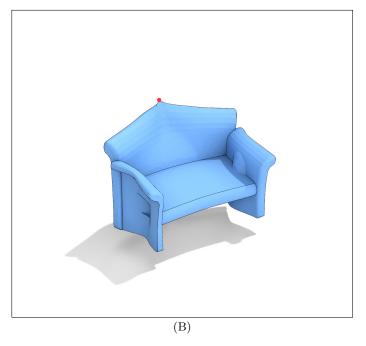


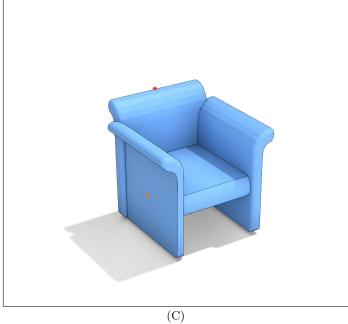


Question 95: Ours: 10, Conformal: 0, Both: 0, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?



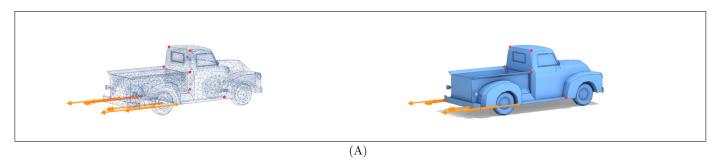


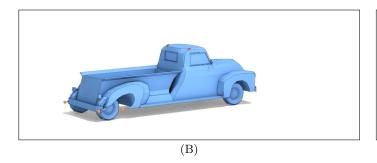


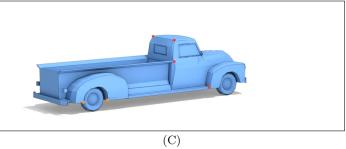
(B) (C) (Both are equally close (Neither is close

Question 96: Ours: 10, Poisson: 0, Both: 0, Neither: 0

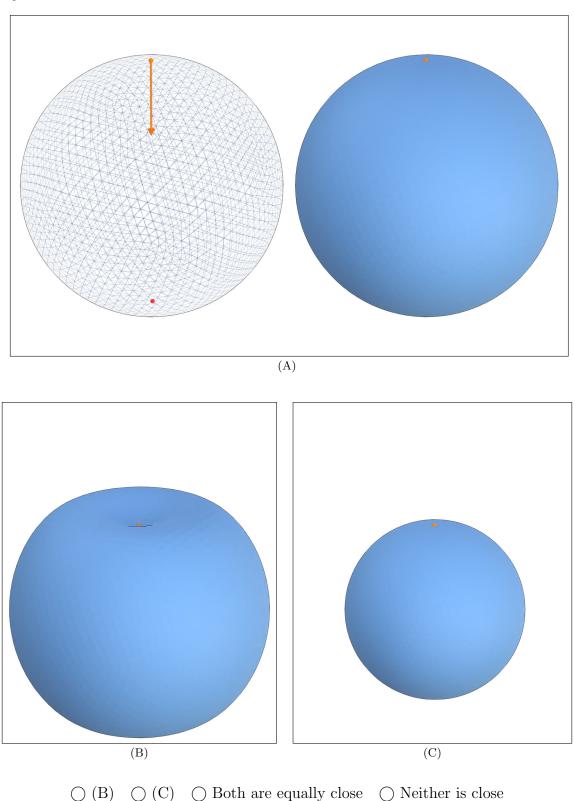
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?



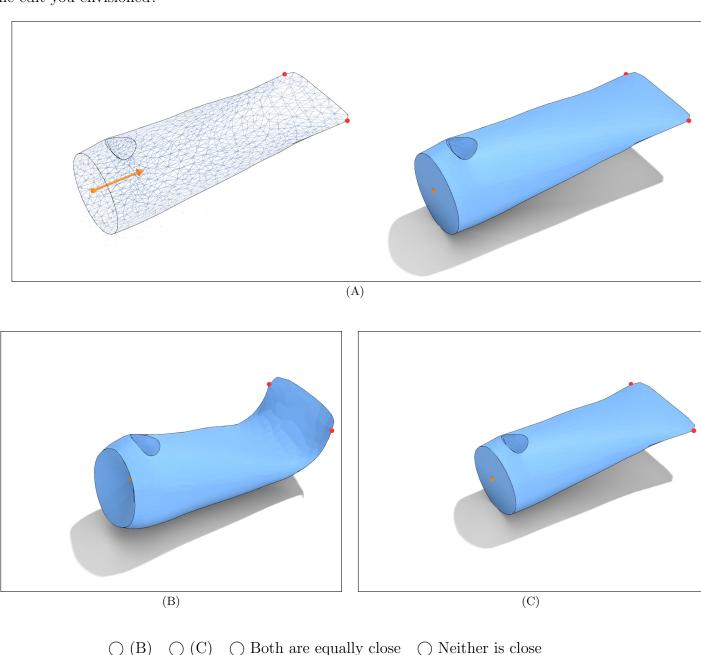




Question 97: Ours: 8, ARAP: 1, Both: 0, Neither: 1

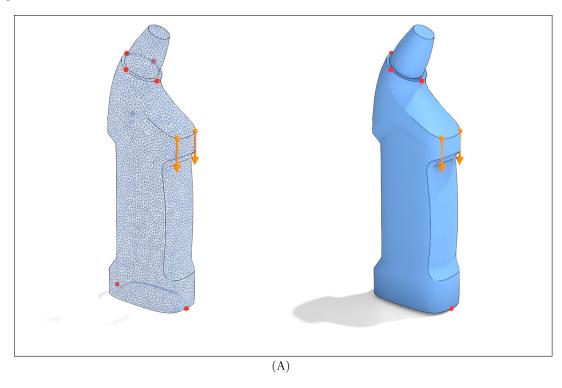


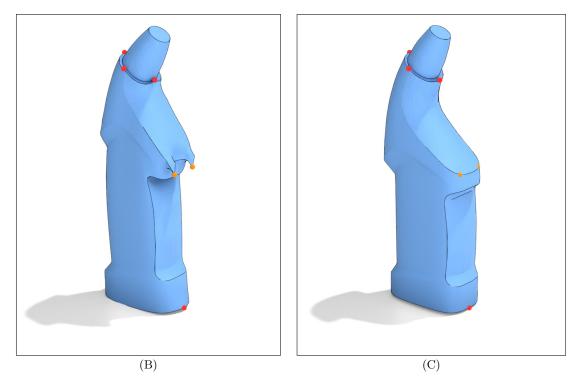
Question 98: Ours: 9, ARAP: 0, Both: 0, Neither: 1



Question 99: Ours: 10, Conformal: 0, Both: 0, Neither: 0

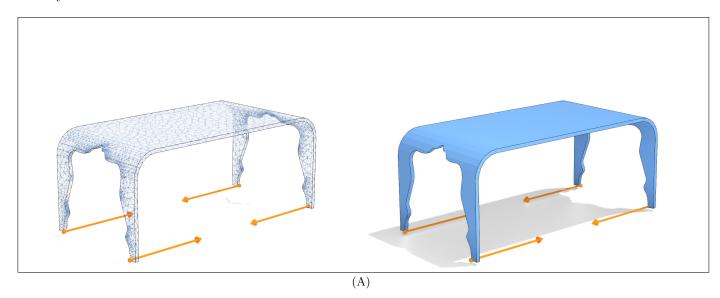
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

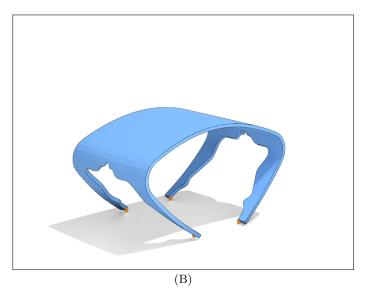


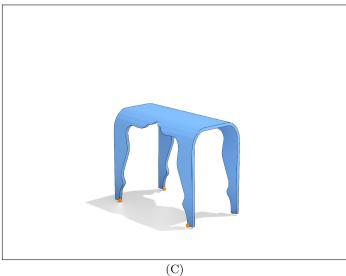


 \bigcirc (B)

Question 100: Ours: 9, Conformal: 1, Both: 0, Neither: 0



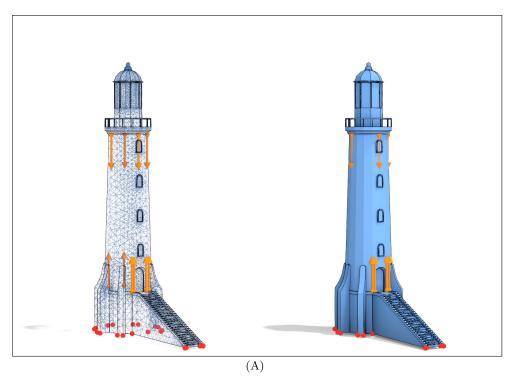


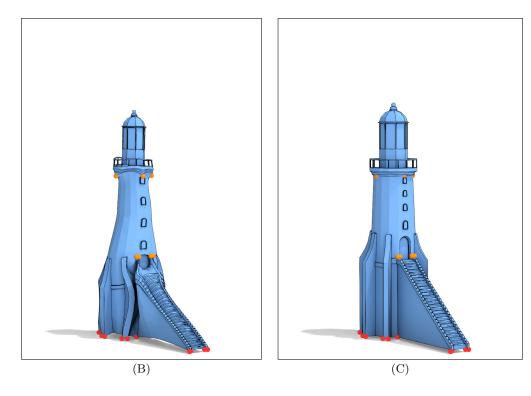


 \bigcirc (B) \bigcirc (C) \bigcirc Both are equally close \bigcirc Neither is close

Question 101: Ours: 9, Conformal: 0, Both: 0, Neither: 1

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?





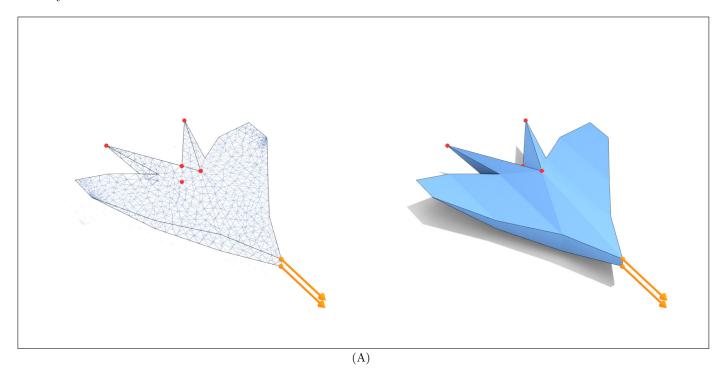
O Both are equally close O Neither is close

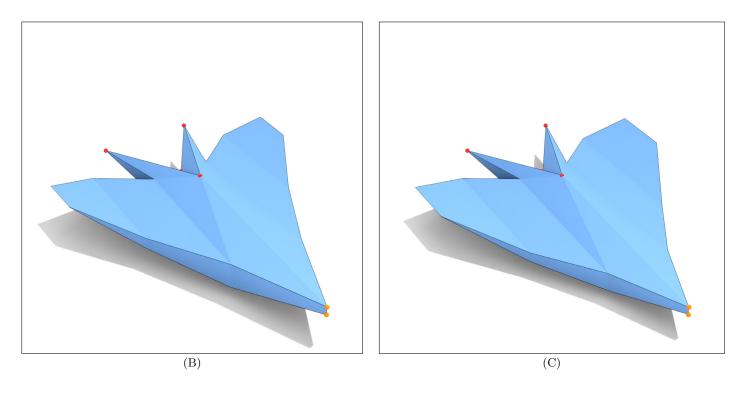
 \bigcirc (B)

 \bigcirc (C)

Question 102: Ours: 4, Our 3D ALUP: 0, Both: 6, Neither: 0

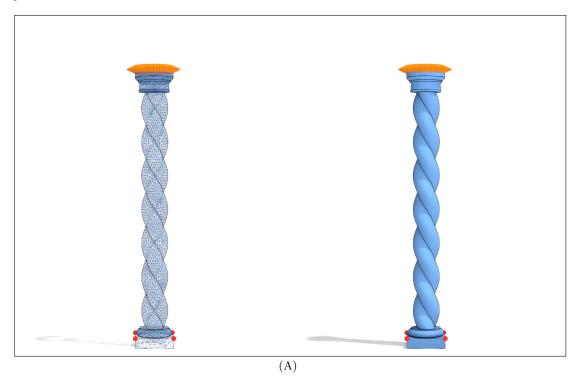
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

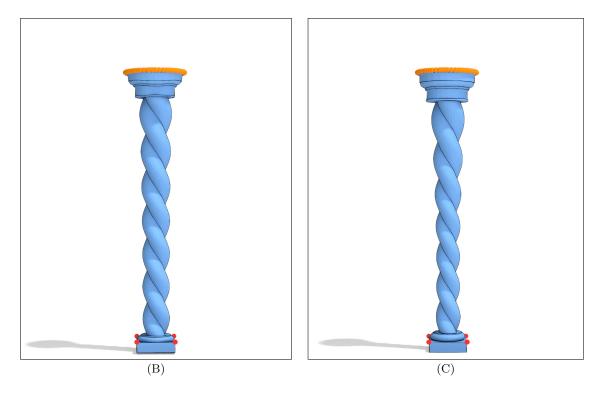




Question 103: Ours: 8, Conformal: 1, Both: 0, Neither: 1

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

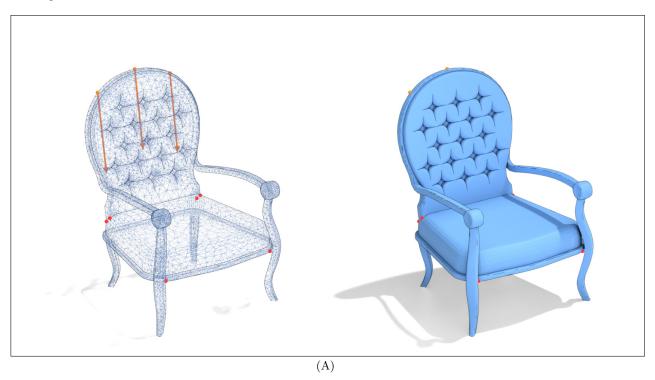


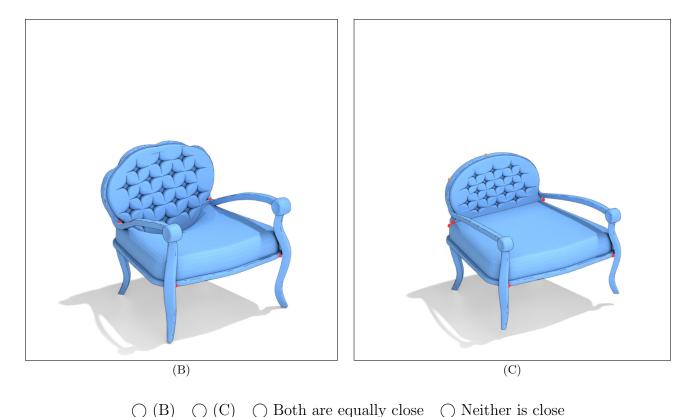


(C) O Both are equally close O Neither is close

 \bigcirc (B)

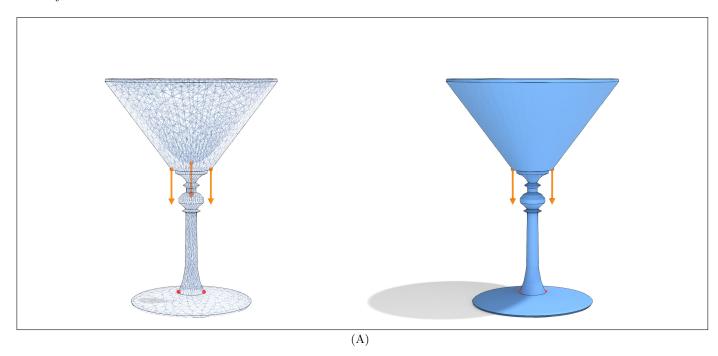
Question 104: Ours: 10, Poisson: 0, Both: 0, Neither: 0

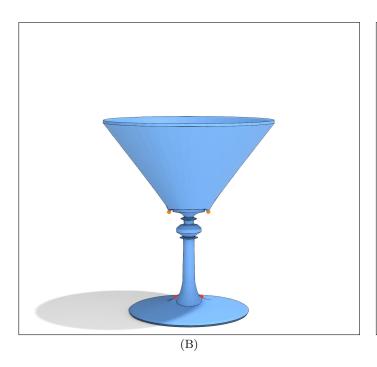


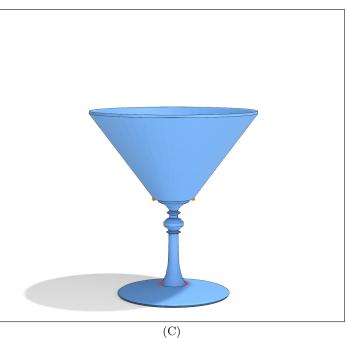


Question 105: Ours: 6, Poisson: 1, Both: 1, Neither: 2

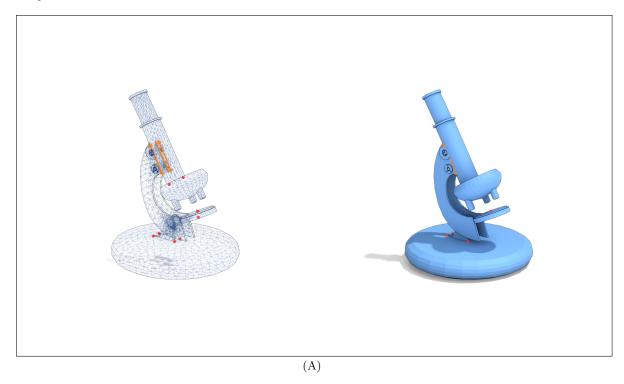
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

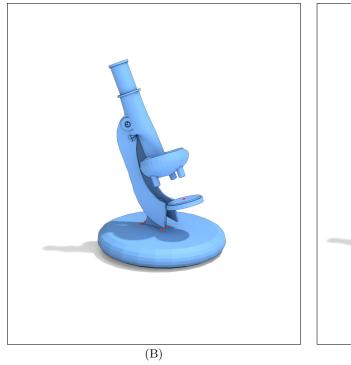


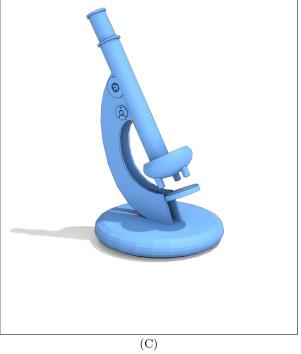




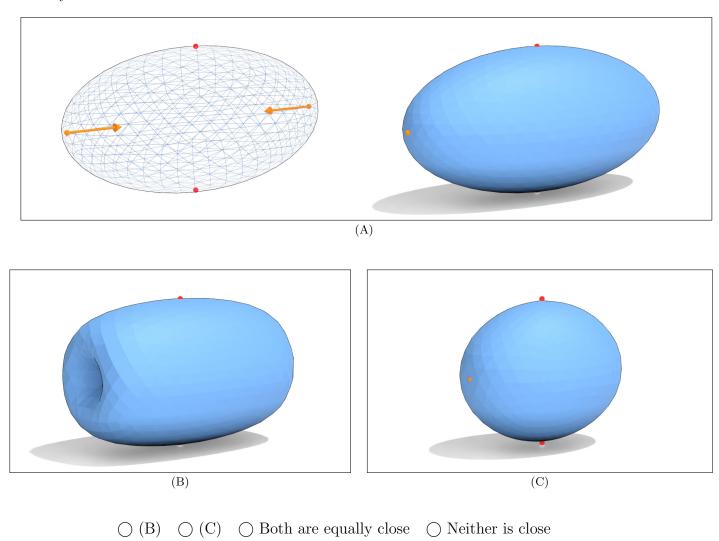
Question 106: Ours: 10, ARAP: 0, Both: 0, Neither: 0



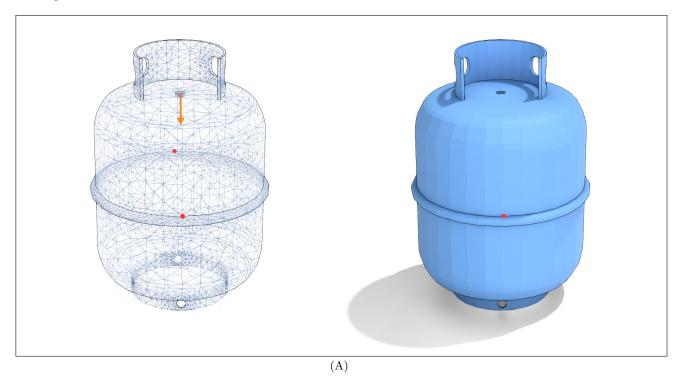




Question 107: Ours: 10, ARAP: 0, Both: 0, Neither: 0



Question 108: Ours: 10, Conformal: 0, Both: 0, Neither: 0

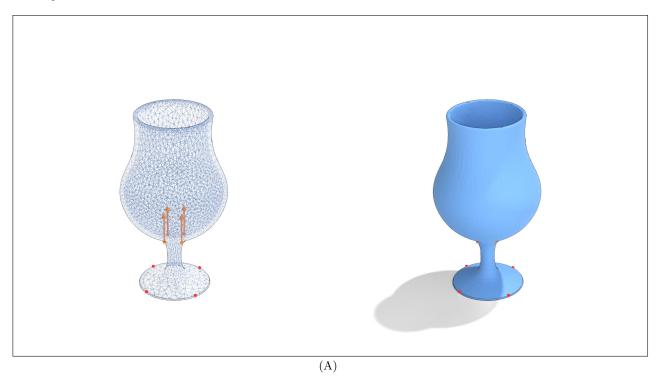


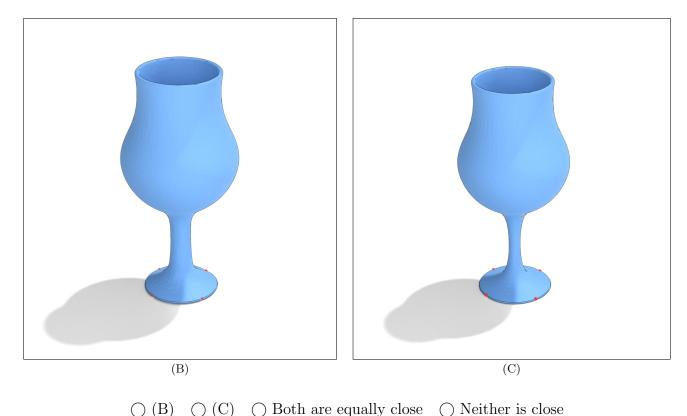




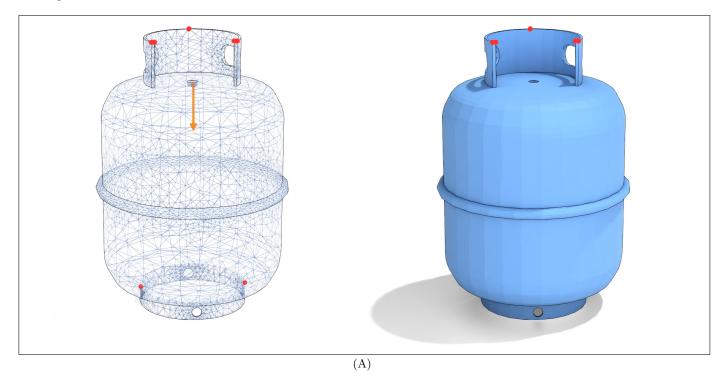
 \bigcirc (B) \bigcirc (C) \bigcirc Both are equally close \bigcirc Neither is close

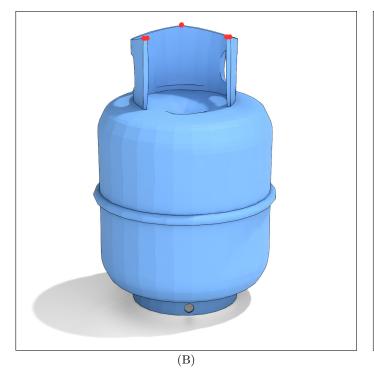
Question 109: Ours: 7, Our 3D ALUP: 2, Both: 1, Neither: 0

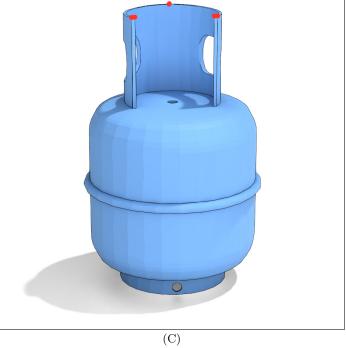




Question 110: Ours: 9, Our 3D ALUP: 0, Both: 0, Neither: 1

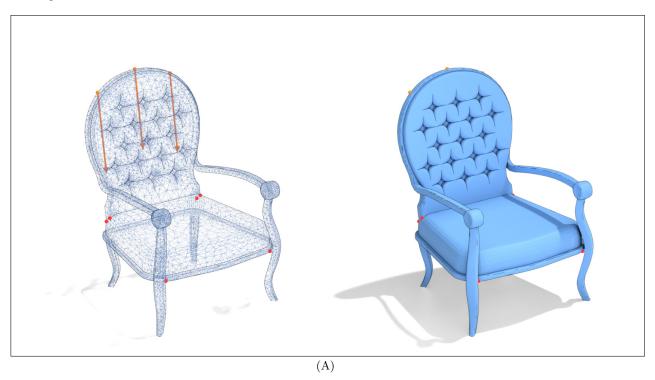


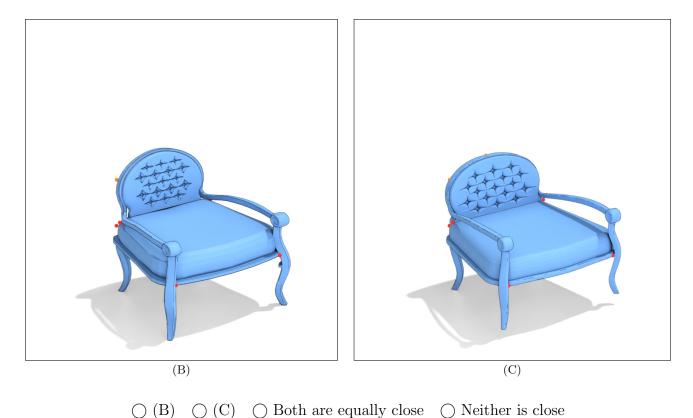




 \bigcirc (B) \bigcirc (C) \bigcirc Both are equally close \bigcirc Neither is close

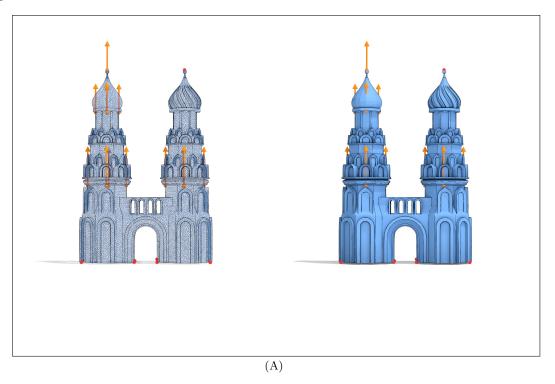
Question 111: Ours: 6, Artist: 1, Both: 3, Neither: 0

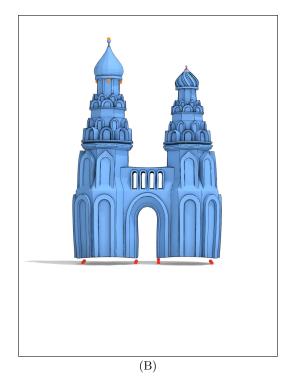


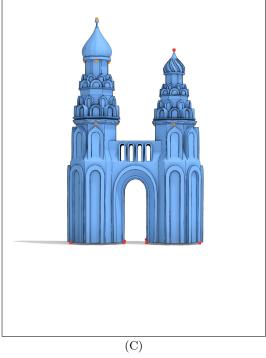


Question 112: Ours: 9, Our 3D ALUP: 0, Both: 0, Neither: 1

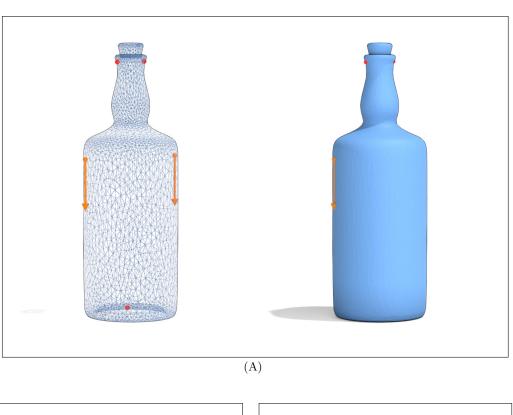
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

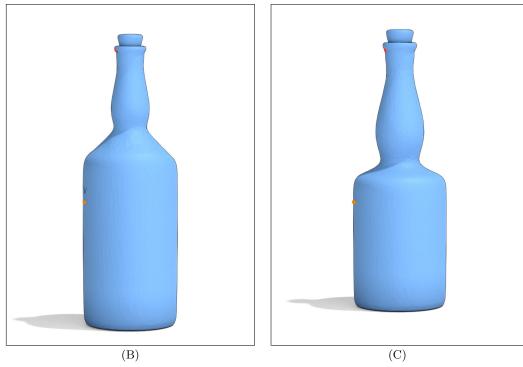






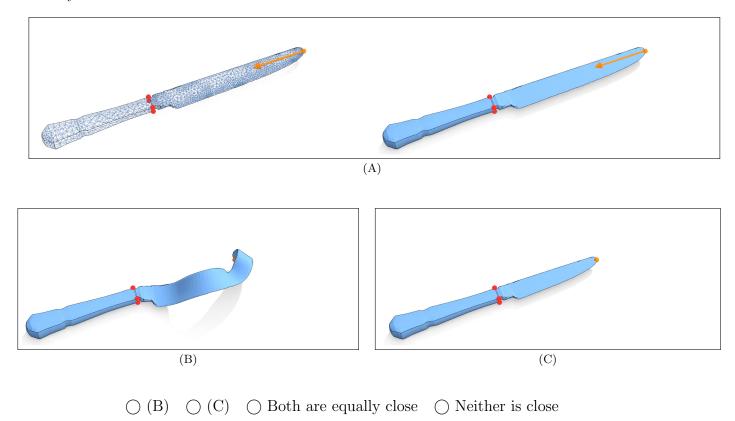
Question 113: Ours: 7, Poisson: 2, Both: 0, Neither: 1





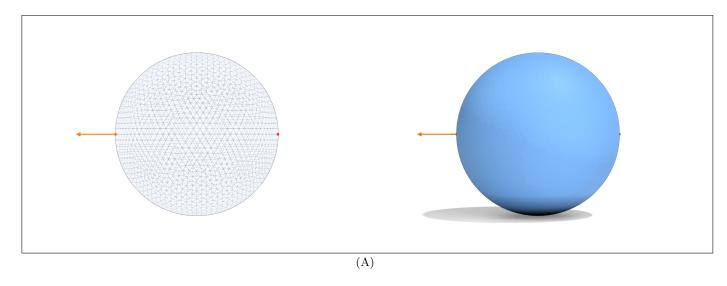
 \bigcirc (B) \bigcirc (C) \bigcirc Both are equally close \bigcirc Neither is close

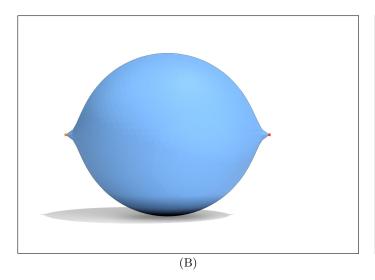
Question 114: Ours: 10, ARAP: 0, Both: 0, Neither: 0

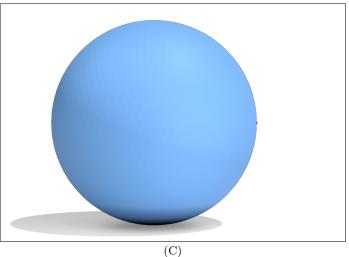


Question 115: Ours: 8, Poisson: 0, Both: 0, Neither: 2

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

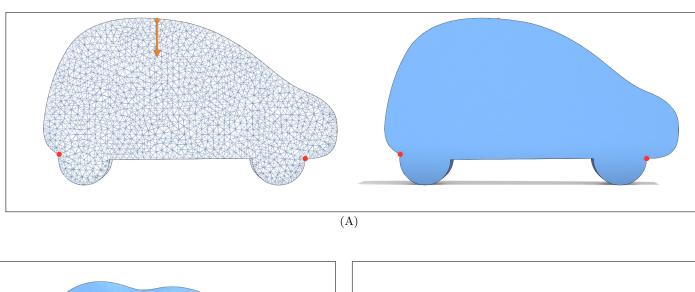


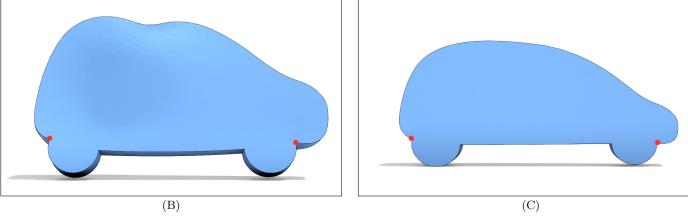




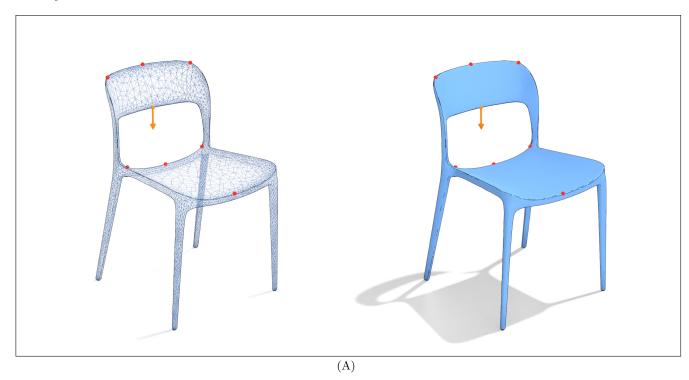
Question 116: Ours: 10, ARAP: 0, Both: 0, Neither: 0

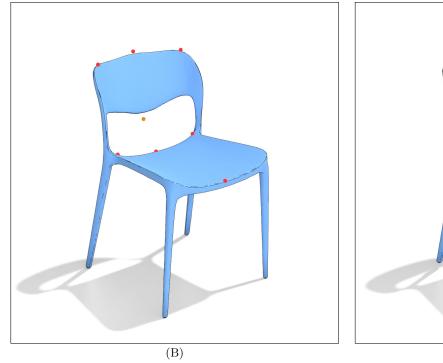
The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?





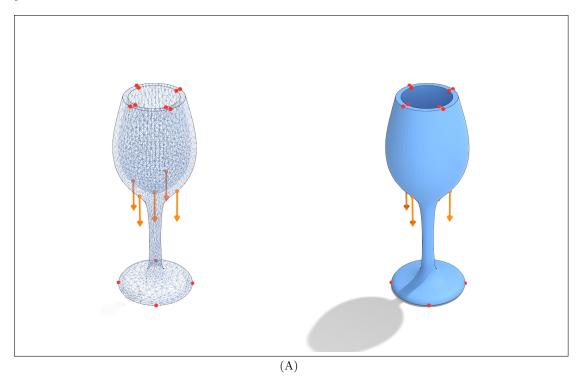
Question 117: Ours: 9, Our 3D ALUP: 0, Both: 0, Neither: 1

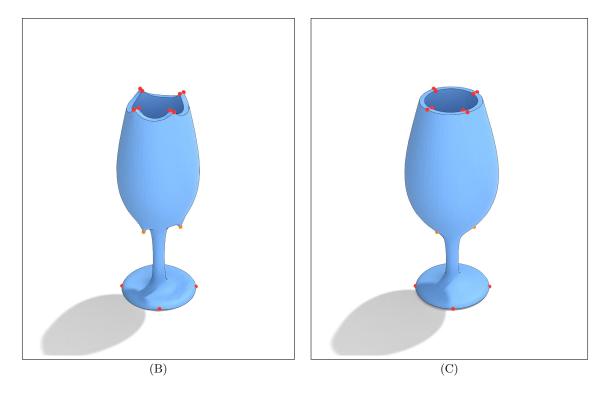






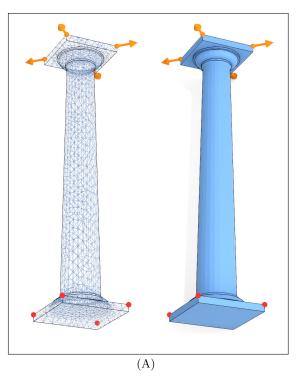
Question 118: Ours: 10, Poisson: 0, Both: 0, Neither: 0

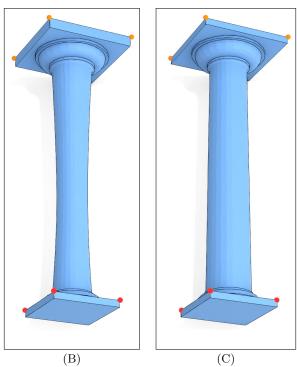




Question 119: Ours: 8, Our 3D ALUP: 0, Both: 1, Neither: 1

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?





Question 120: Ours: 10, Poisson: 0, Both: 0, Neither: 0

The images on the top (A) include an object and a suggested resizing/rescaling/proportion change edit indicated via handle displacement gestures. The orange points are moved as suggested by the arrows, while the red points are held in place. The wireframe rendering is provided to better visualize partially occluded displacements when present. Mentally perform the suggested resizing/rescaling/proportion change. Which of the objects on the bottom (B) or (C) comes closer to the edit you envisioned?

