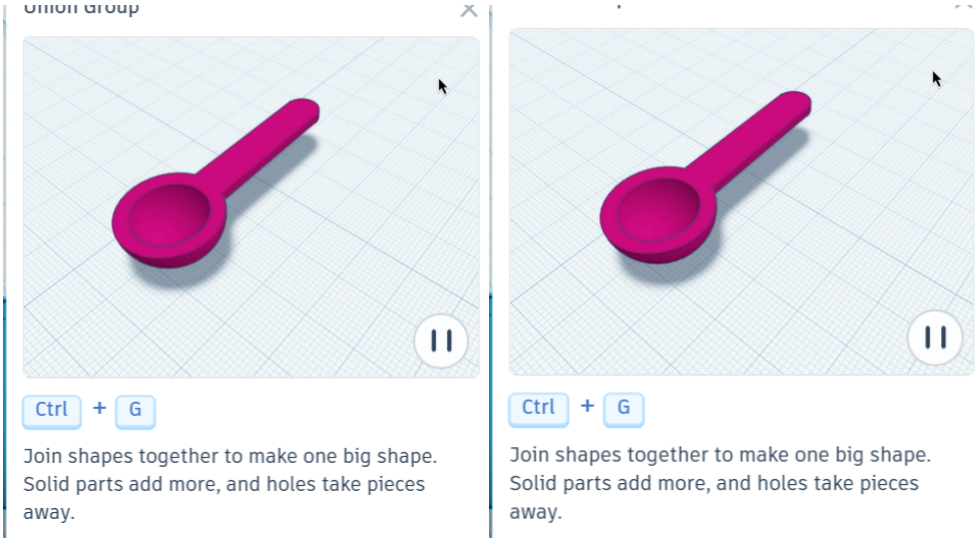
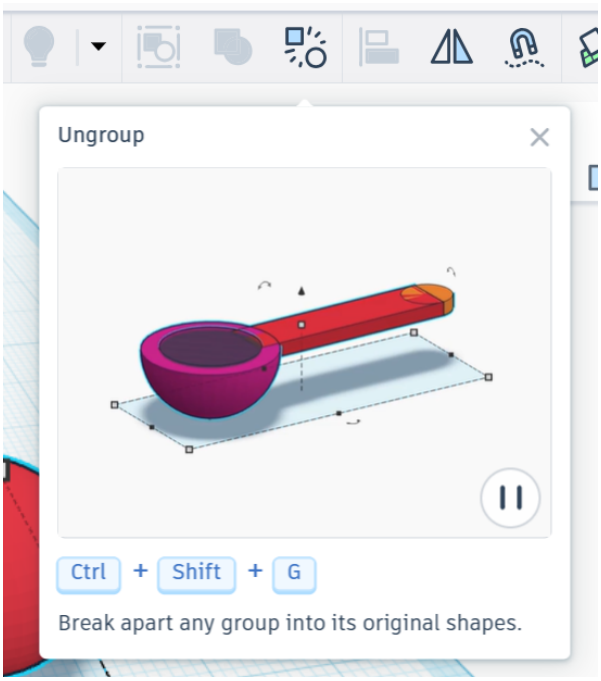
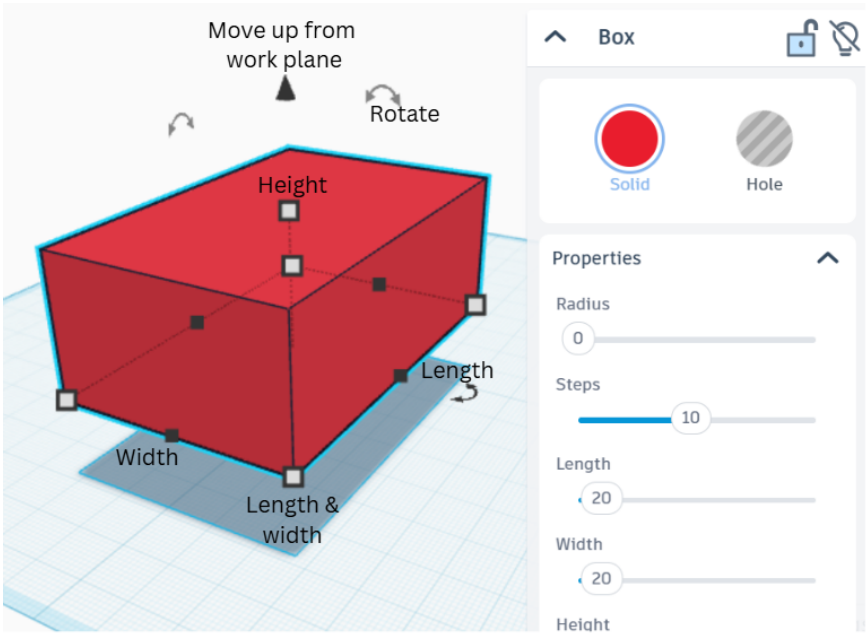
Tinkercad

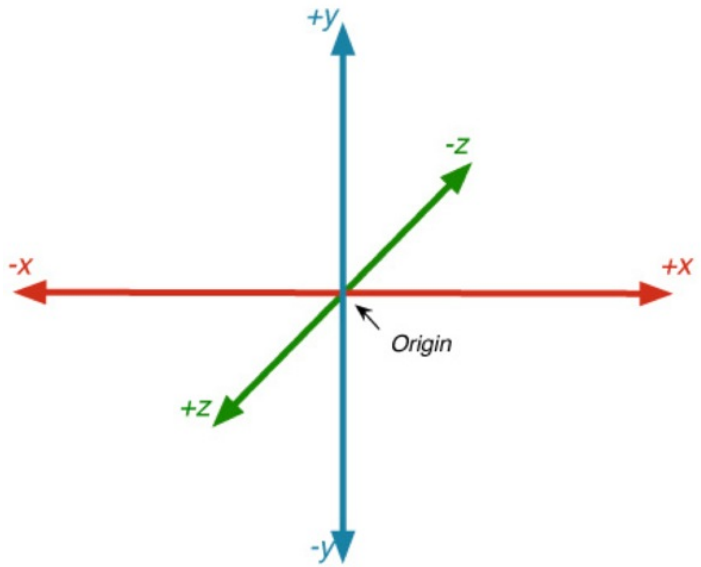
Basic Controls

- Copy: ctrl + C
- Paste: ctrl + V
- Duplicate: ctrl + D
- Delete: Delete
- Undo: ctrl + Z
- Redo: ctrl + Y
- Show all: ctrl + shift + H
- Bundle group (ctrl + B) -Join shapes together so you can move and resize them at the same time without making them one shape.
- Union group (ctrl + G) - Join shapes together to make one big shape. Solid parts add more, and holes take pieces away.
- Ungroup (ctrl + shift + G) -Break apart any group into its original shapes.
- Align (L) - Arrange shapes by their sides, centers, tops, or bottoms. Use the dot handles to preview alignment. Pin a shape so others align to it while it stays in place. Select it again to unpin.
- Mirror (M) - Flip shapes front to back, side to side, or up and down by pressing the arrows.
- Cruise (C) - Slide a shape smoothly along another surface to place it just where you want it.
- Shape Workplace (E) -Use the shape’s original work surface to make changes to it.
- Drop to workplane (D) - drop any selected shapes to the workplane.
- Rotate plate: hold right mouse button
- Select object: click left mouse
- Center on object: F
- Ruler: R
- Lock editing : ctrl +L
- Change workplane: W

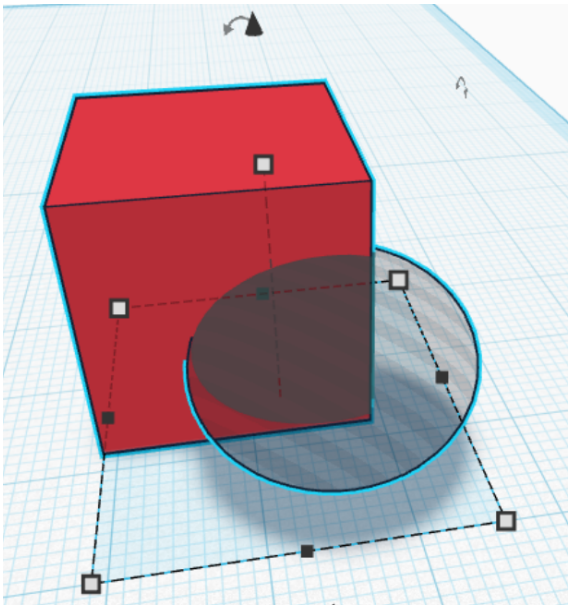

Union Group
Ctrl + G
Join shapes together to make one big shape. Solid parts add more, and holes take pieces away.
Ctrl + G
Join shapes together to make one big shape. Solid parts add more, and holes take pieces away.


Ungroup
Ctrl + Shift + G
Break apart any group into its original shapes.





- Intersecting a solid object with a hole object will remove the intersecting space



Revision #3
Created 2026-06-05 16:40:14 UTC by Mariah
Updated 2026-07-23 13:33:35 UTC by Mariah