

CREATING A TREE IN TINKERCAD

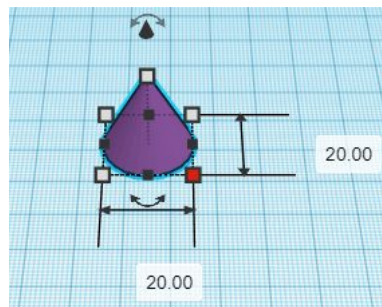


Before You Begin

1. Sign in to [Tinkercad.com](https://www.tinkercad.com) and click the **Create New Design** button.
2. Brainstorm about how you would like your tree to look.

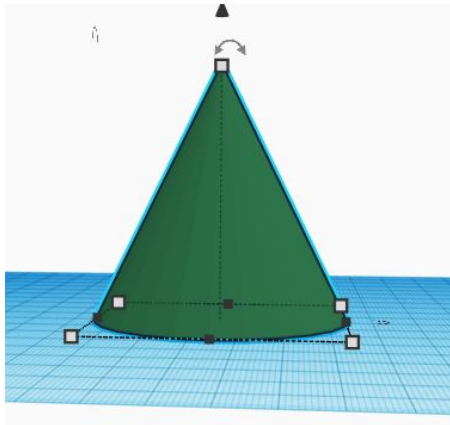
Creating The Tree

1. Drag and drop a cone onto the workplane. This will be the bottom layer of the tree.

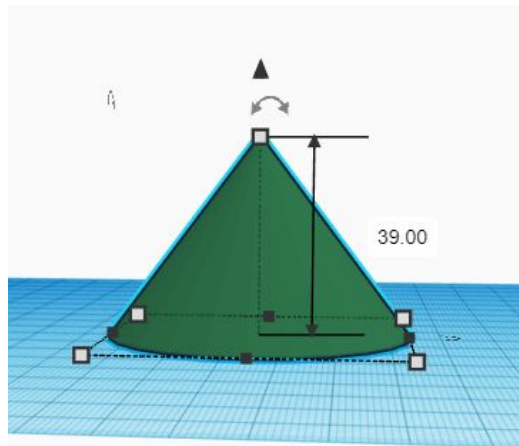


2. Holding down the shift key, drag the white squares to resize the cone to be as large as you want the bottom of the tree to be.

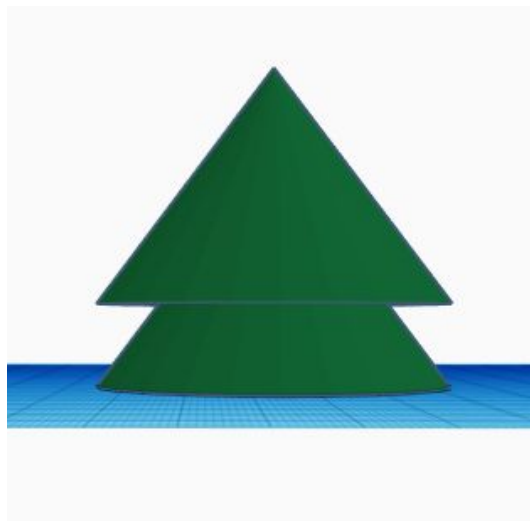
3. Change the color to green.



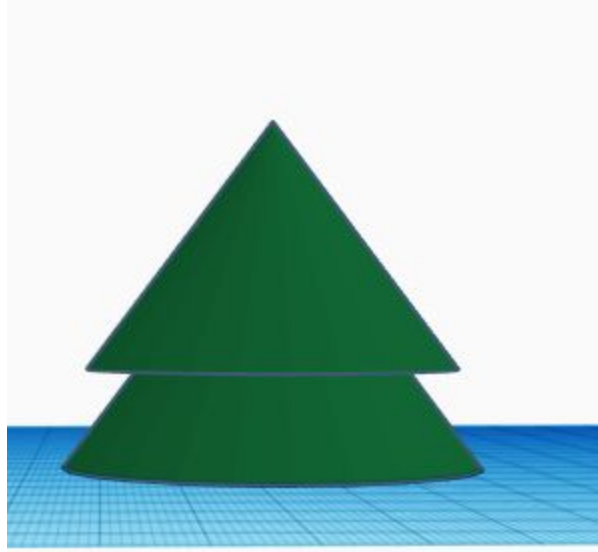
4. Grab the white square at the top and reduce the height of the cone.



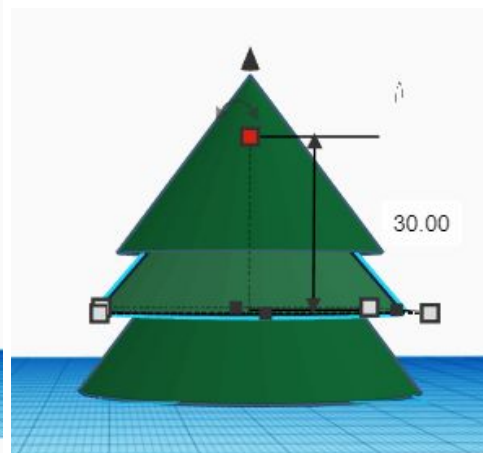
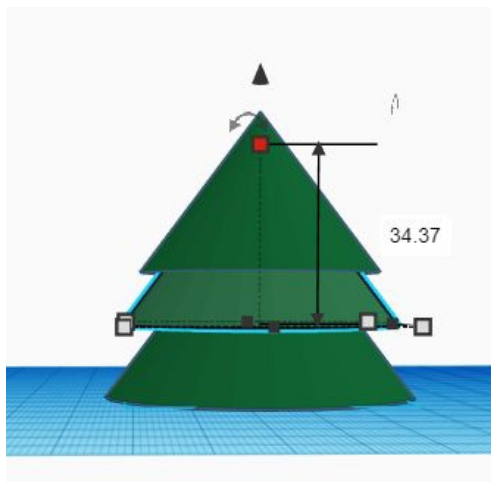
5. Duplicate the cone (CTRL+D) and raise up the duplicate to be above the original.



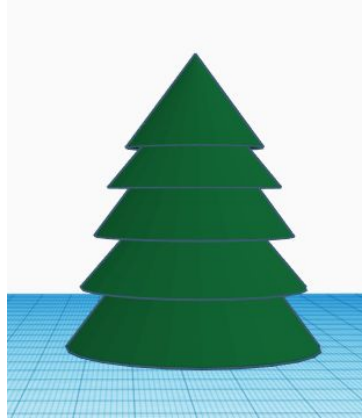
6. Resize the duplicate to be slightly smaller than the cone below it. Don't forget to hold down the shift key while resizing. Select both cones and use the Align button to recenter them after resizing.



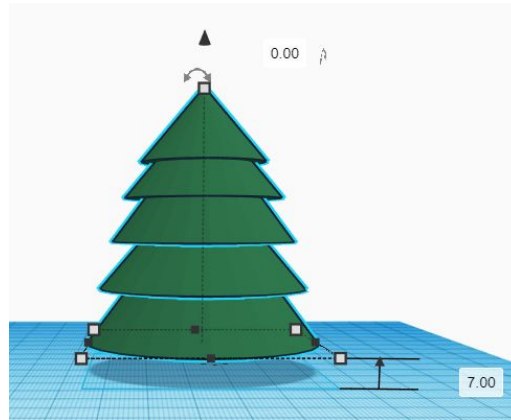
7. Repeat the last two steps until you have as many layers as you want in your tree.
8. You may need to adjust the height of the previous cone as you add layers in order to get a good angle



9. Once you are happy with the layers and angles of your tree, select all of the cones and group them together.



10. Lift the tree off of the group a little bit so we can start to make the trunk.



11. Drag and drop a cylinder onto the workplane. Change its color to brown.
12. Resize the cylinder as you wish to make the trunk.
13. Select the tree top and the trunk and use the Align tool to center them on each other.
14. Select the tree top and trunk and group them together. Once grouped, click on the color circle and check the box next to Multicolor.



15. Feel free to add any decorations you wish!