

# Name Tag



# Preparation

**1** **Let's explore**  
Open up your **TinkerCad**

**2** **Log in**  
**Log in** to your account

**3** **Ready?**  
Create a **new design**

**4** **Get set,**  
In the bottom right corner press **Edit grid**

**5** **Go!**  
Make sure your units are on **Millimeter**

1

# SETTING DIMENSIONS

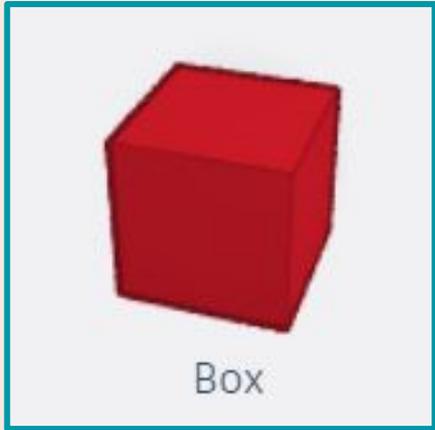


# Step One: Setting Dimensions

Don't forget you can always change the color!

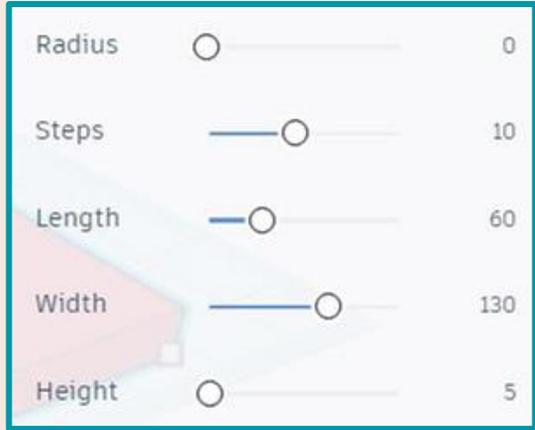
## Drag

Drag a **red Box** from the "Basic Shape" menu on left hand side on to your workspace.



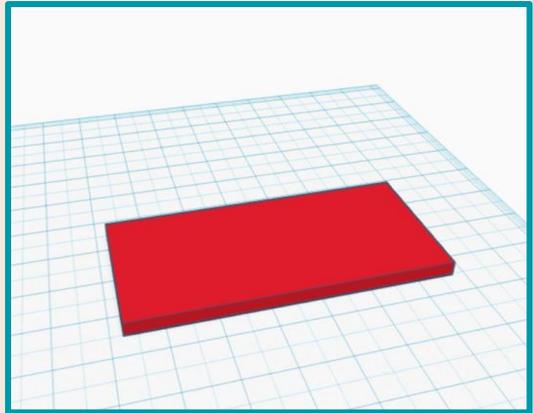
## Sizing

Change the **sizes** to the following values:



## Look

It should look like this!



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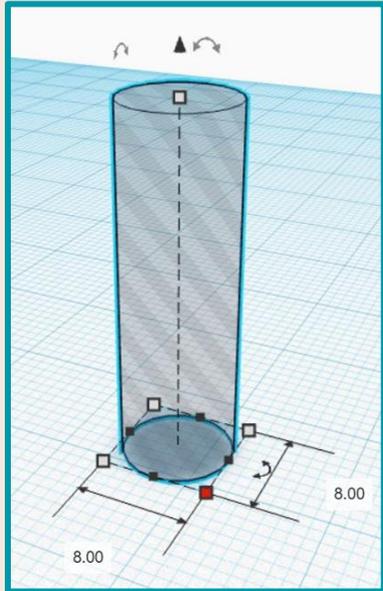
# Using Cylinders



# Step Two: Using Cylinder

*To drag a figure, click on the whole shape not just the corners*

## Clear Cylinder



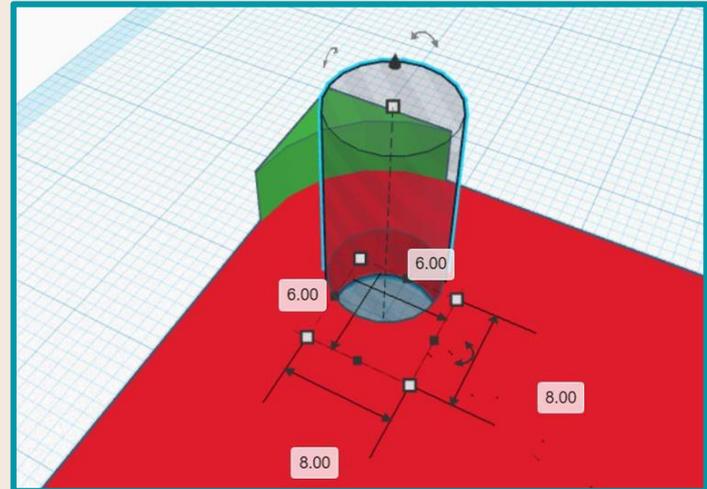
From the "Basic Shape" menu bar, drag over a **clear cylinder**.

Then again, drag and change the size of your cylinder to **8x8**, set the height to **24**.

Now, **duplicate** the cylinder by Ctrl C (copy) and Ctrl V (paste).

## Placement

Place your two **clear cylinders** on the top right corner of your rectangle and drag the over by 6x6.



3

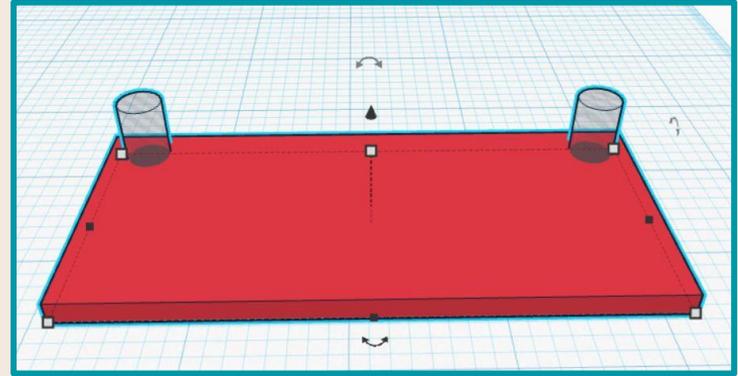
# Making Holes



# Step Three: Making Holes

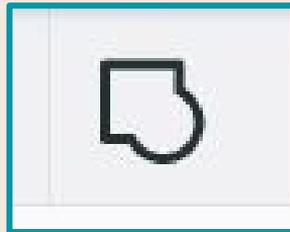
## a. Select All

Select all three objects by **holding Shift** and **click** on each object.



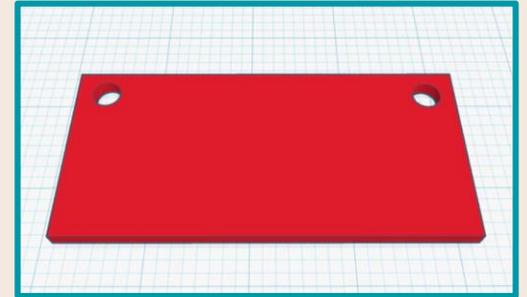
## b. Group

Press the **“Group”** icon or (Ctrl-G) on the top right hand corner, shown on the right, to group the three shapes together.



## c. Look

At the end, it should look like this **now!**



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# Cutting Corners

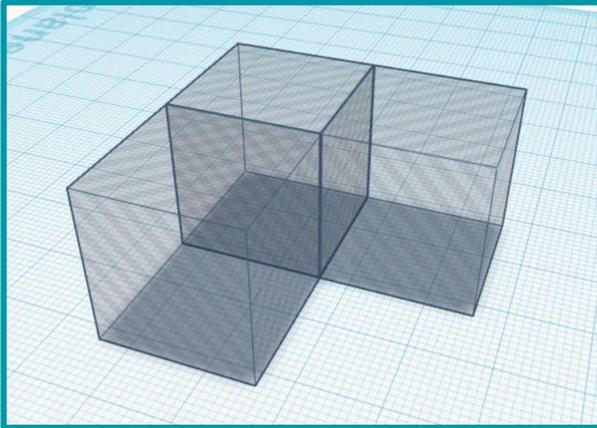


# Step Four: Cutting Corners

*Make sure the cylinder is in the center of your square*

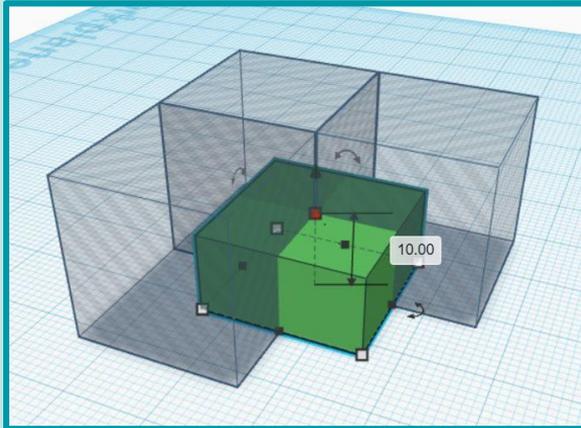
## Template

In any space next to your name tag, drag over 3 **clear squares**, and place them in the formation bellow. Keep them at the default size.



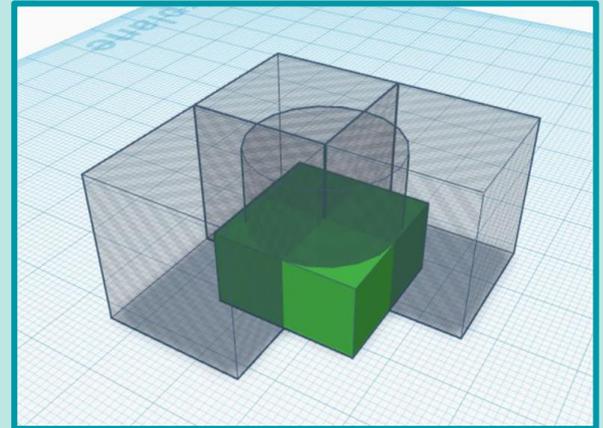
## Square

Drag over another square and put it in the middle of the other 3 squares. Make sure the height of the green square is **10**.



## Cylinder

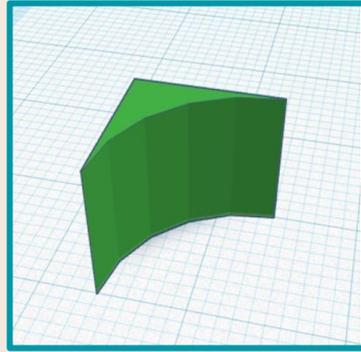
Finally, Drag over a **clear cylinder** and place it over the green square.



# Step Four: Corners Continued

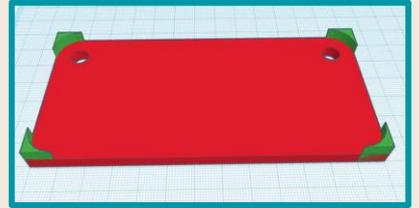
## a. Group

Select **all the object** on the workspace and press the **Group** icon or (Ctrl G). Now it should look like this.



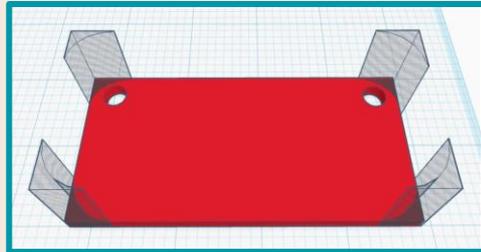
## b. Copy and Paste

**Copy and Paste** your corner 4 times and put them in each of the corners. Change direction of the corner to 90°



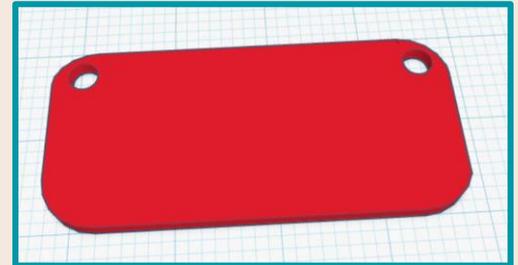
## c. Hole

Select all the corners and press **"Hole"**.



## d. Group

Almost there, now press **"Group"** (Ctrl G).



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# Adding Text

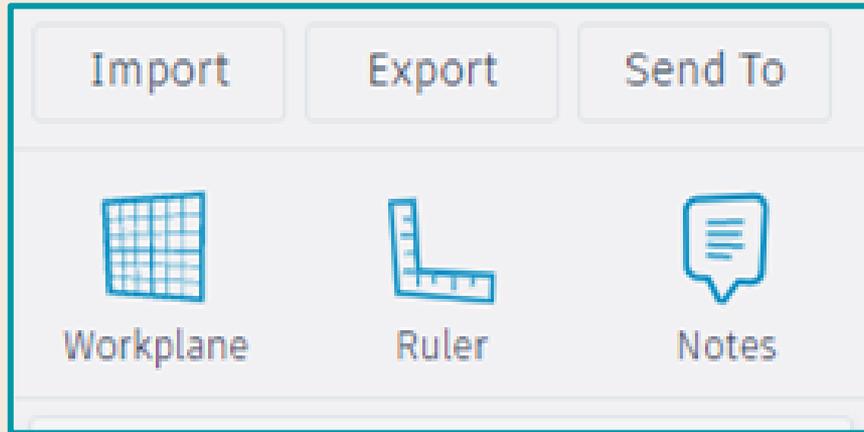


# Step Five: Adding Text

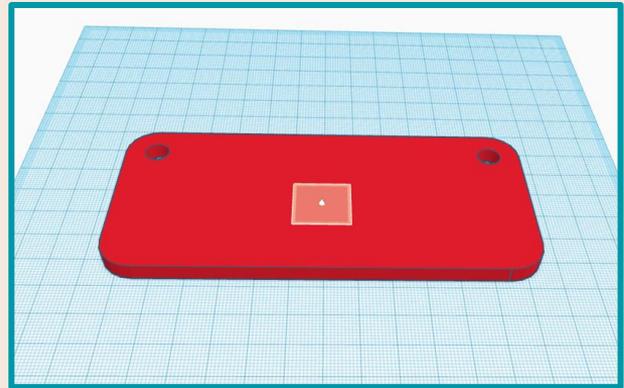
Creating a new work plane  
as a new base.

## Workplane

Click and drag over a **new workplane** for adding text.



The new workplane is now right on top of the name tag. This will be the **new base** of the text that will be added in the next step

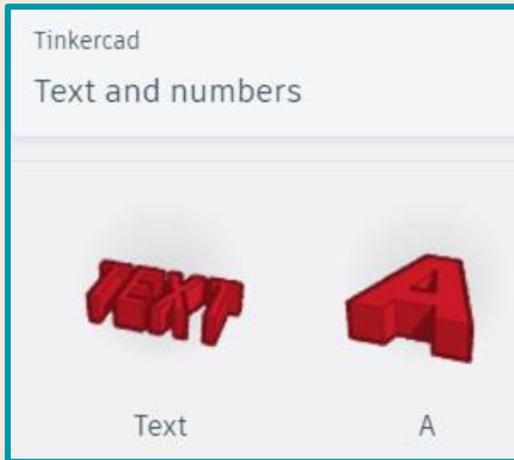


# Step Five: Adding Text

Don't forget you can always change the color of the text!

## Categories

Click on "**Basic Shapes**" and change the category to "**Text and numbers**".



## Text

Now click and drag over the **Text**, place it into the middle of your name tag. Change it to your name. Make sure your **Height** is at **2**.



**You Are  
Finished!**

