

3D CAD

Elia Schoen

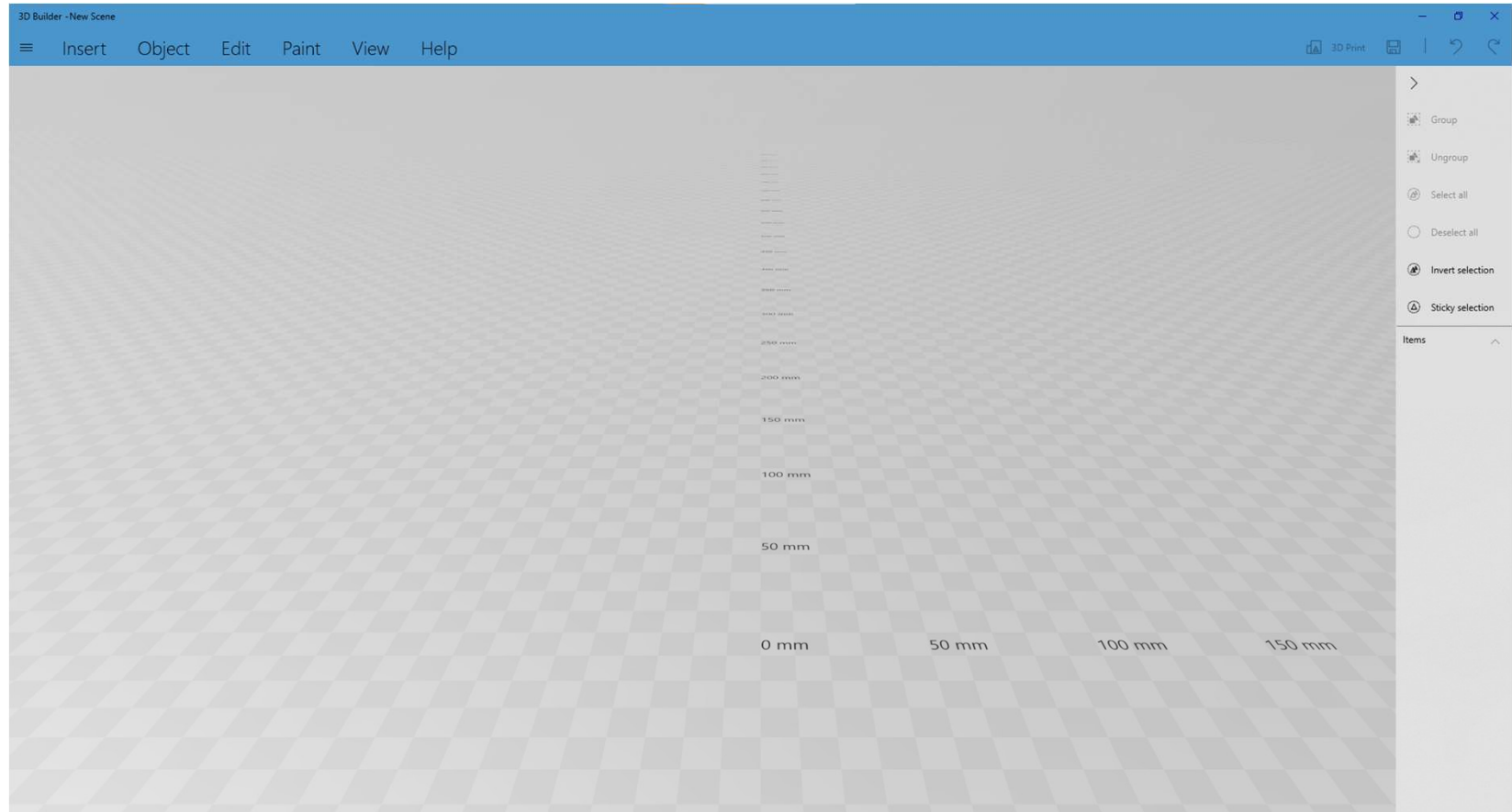


Microsoft 3D Builder



Microsoft 3D Builder

3D Builder Interface





Microsoft 3D Builder

3D Builder Interface

3D Builder - New Scene



Insert

Object

Edit

Paint

View

Help

Command Row

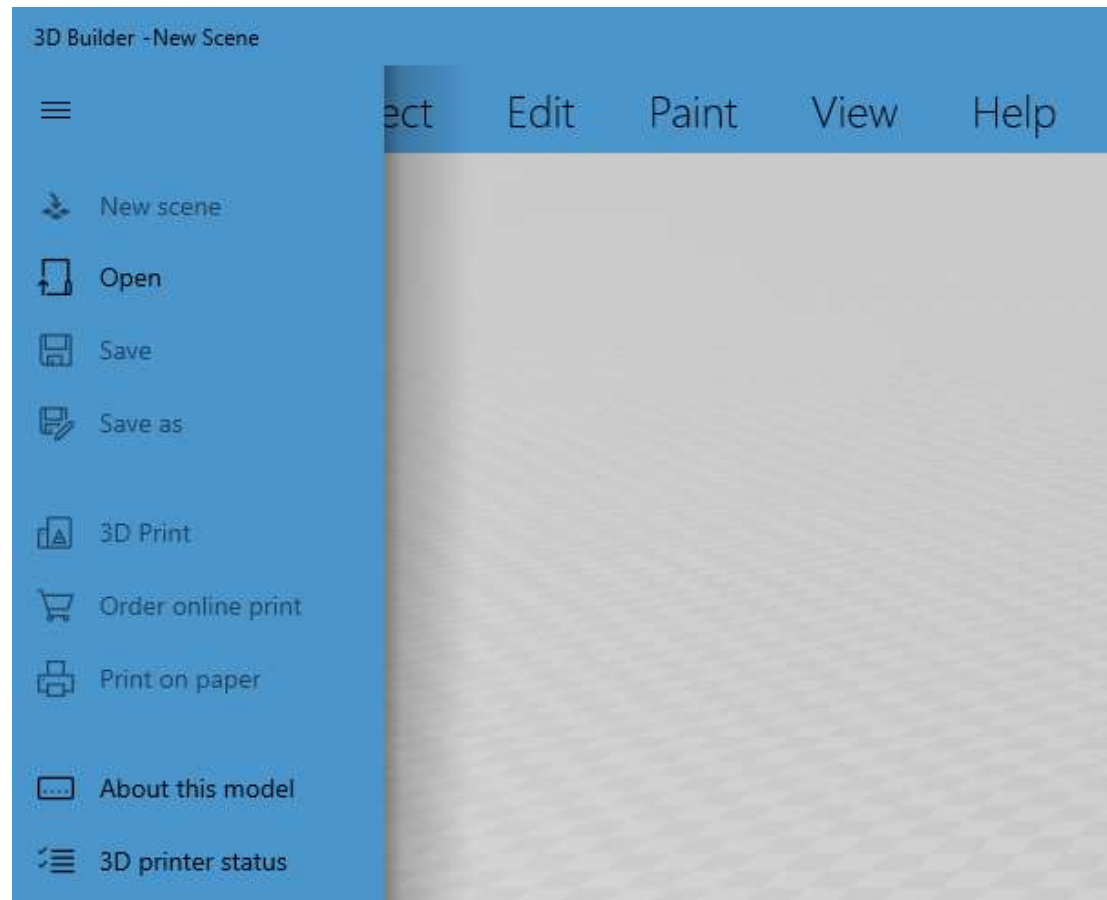




Microsoft 3D Builder

3D Builder Interface

Command Row

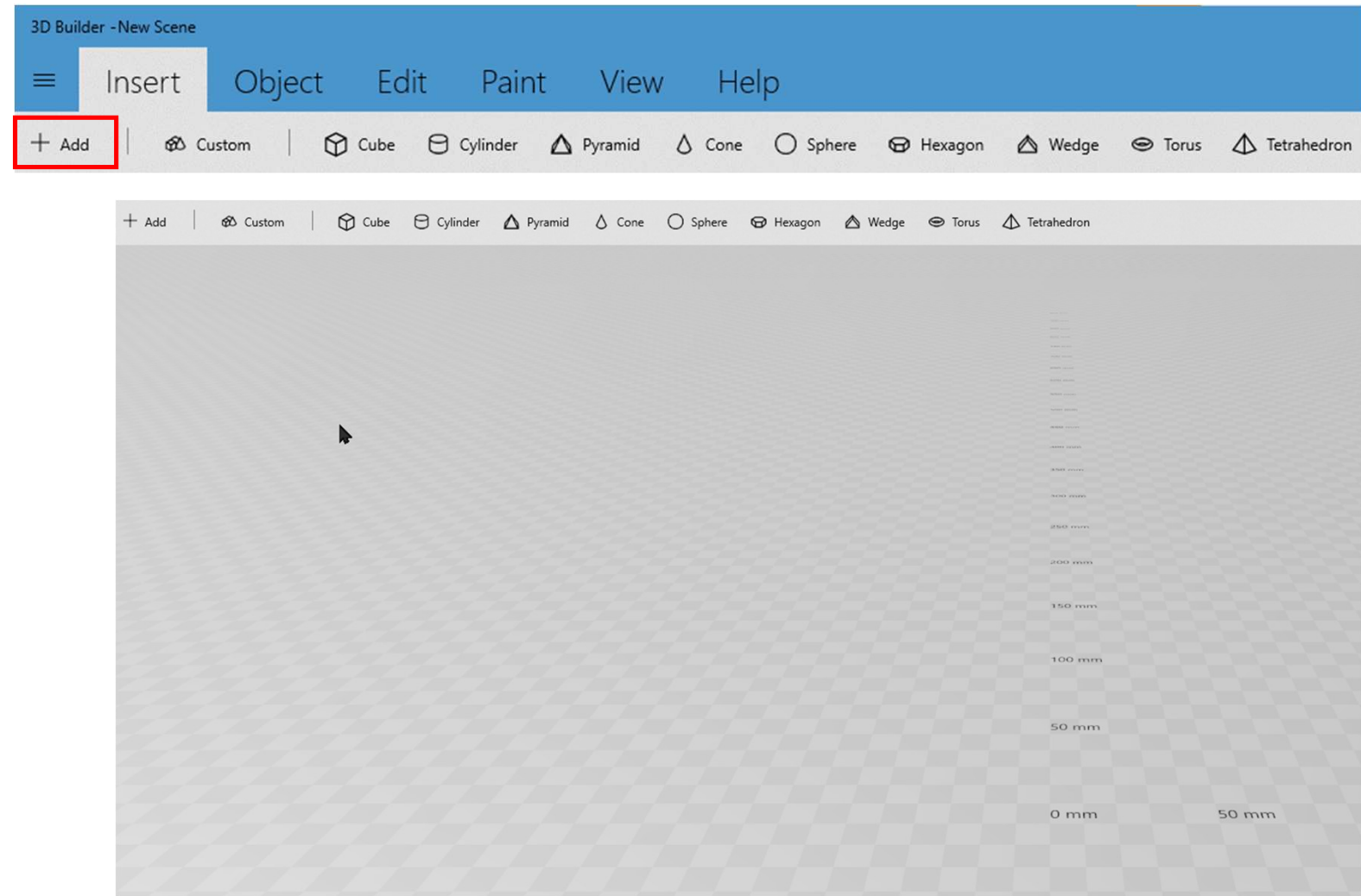




Microsoft 3D Builder

3D Builder Interface

Command Row
ADD

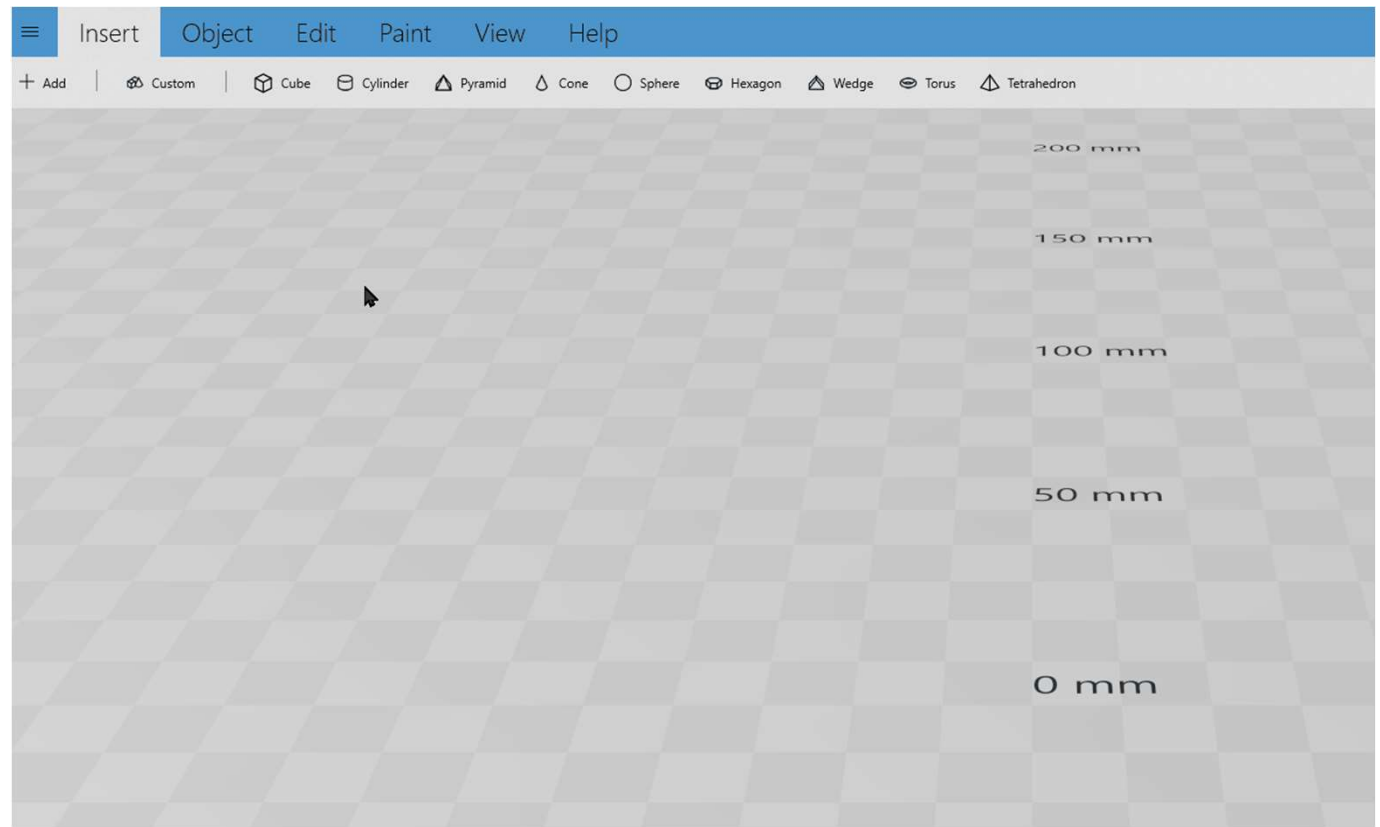
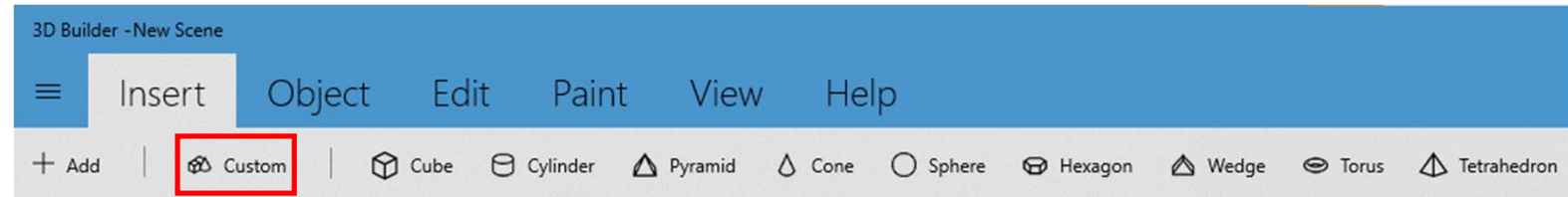




Microsoft 3D Builder

3D Builder Interface

Command Row CUSTOM

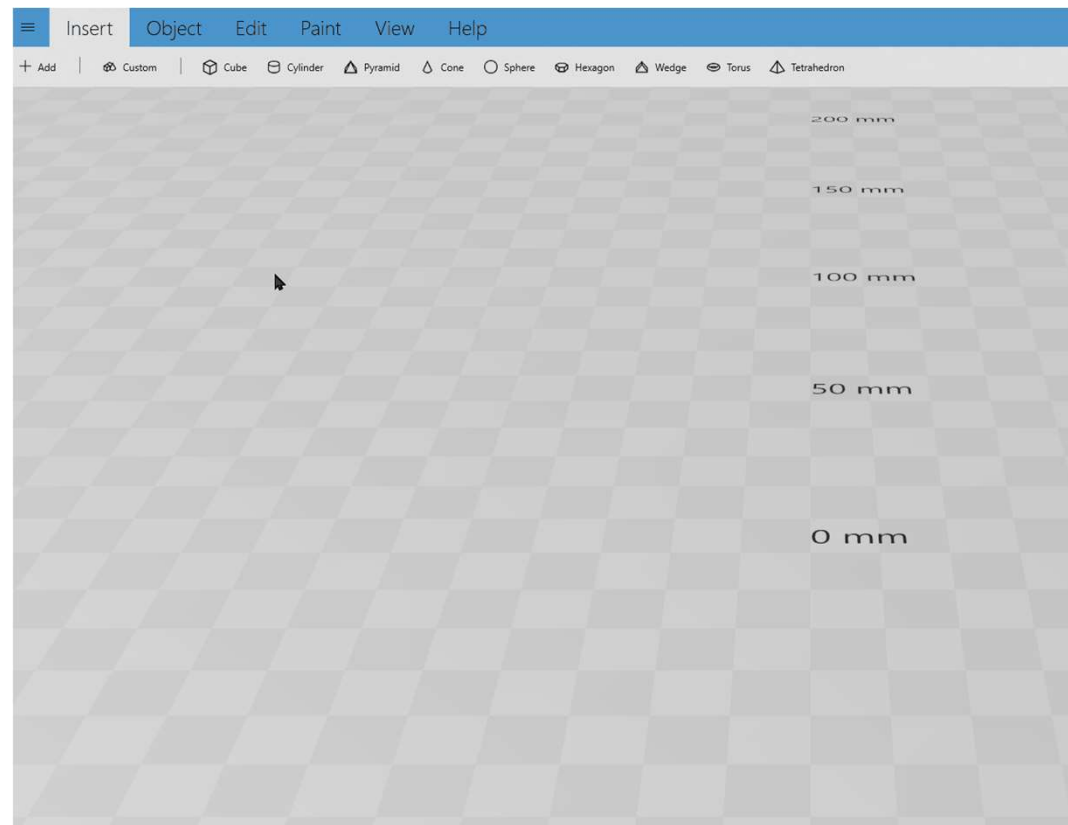
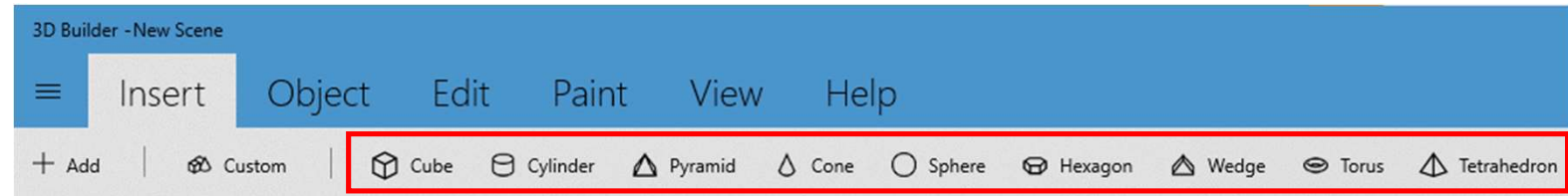




Microsoft 3D Builder

3D Builder Interface

Command Row SHAPE

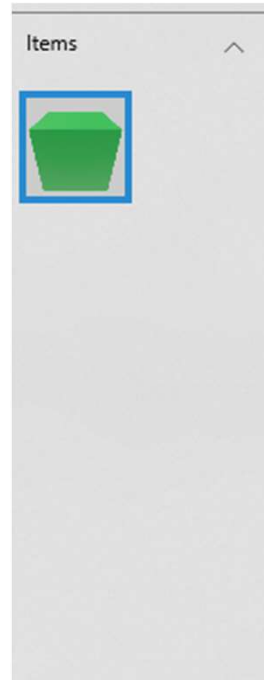
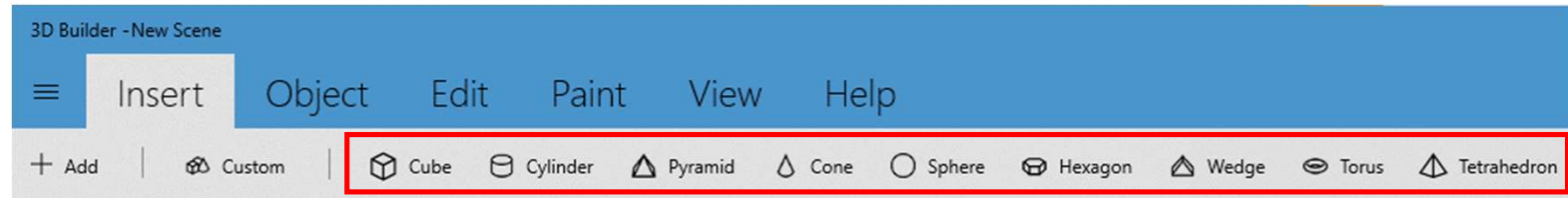




Microsoft 3D Builder

3D Builder Interface

Command Row
SHAPE -
ITEM COLUMN

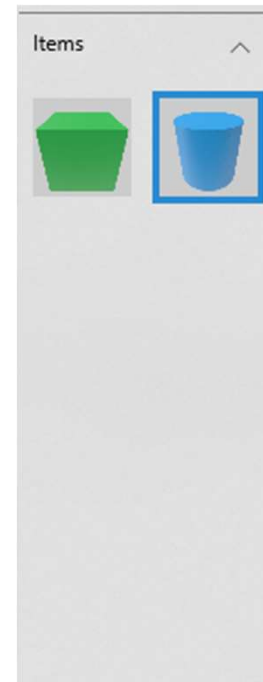
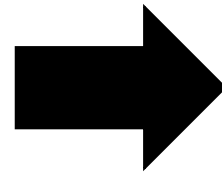
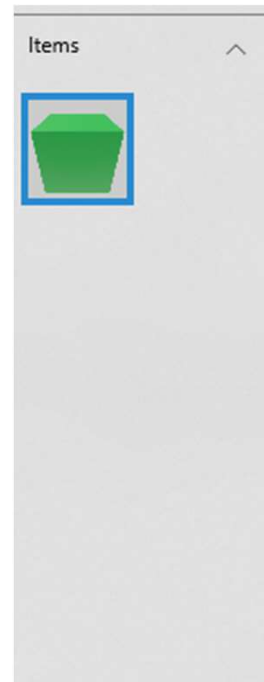
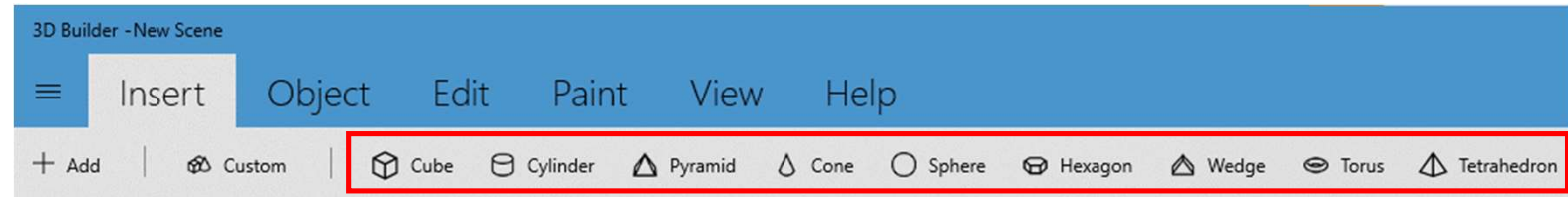




Microsoft 3D Builder

3D Builder Interface

Command Row
SHAPE -
ITEM COLUMN

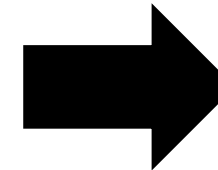
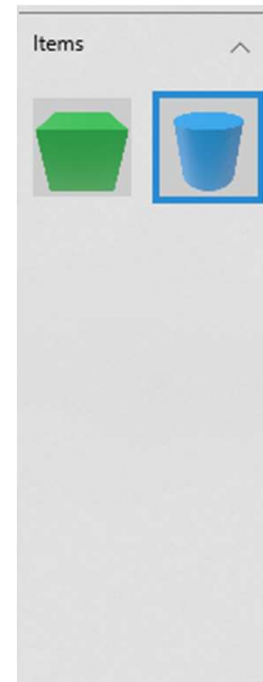
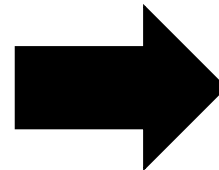
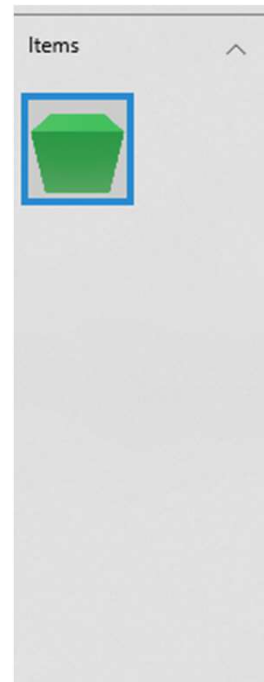
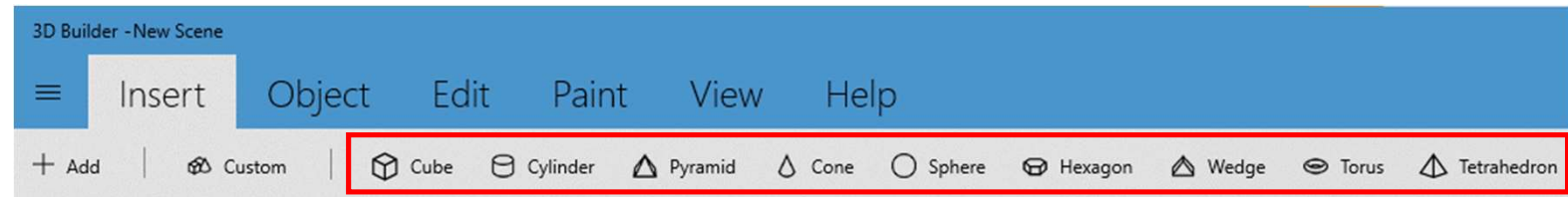




Microsoft 3D Builder

3D Builder Interface

Command Row
SHAPE -
ITEM COLUMN



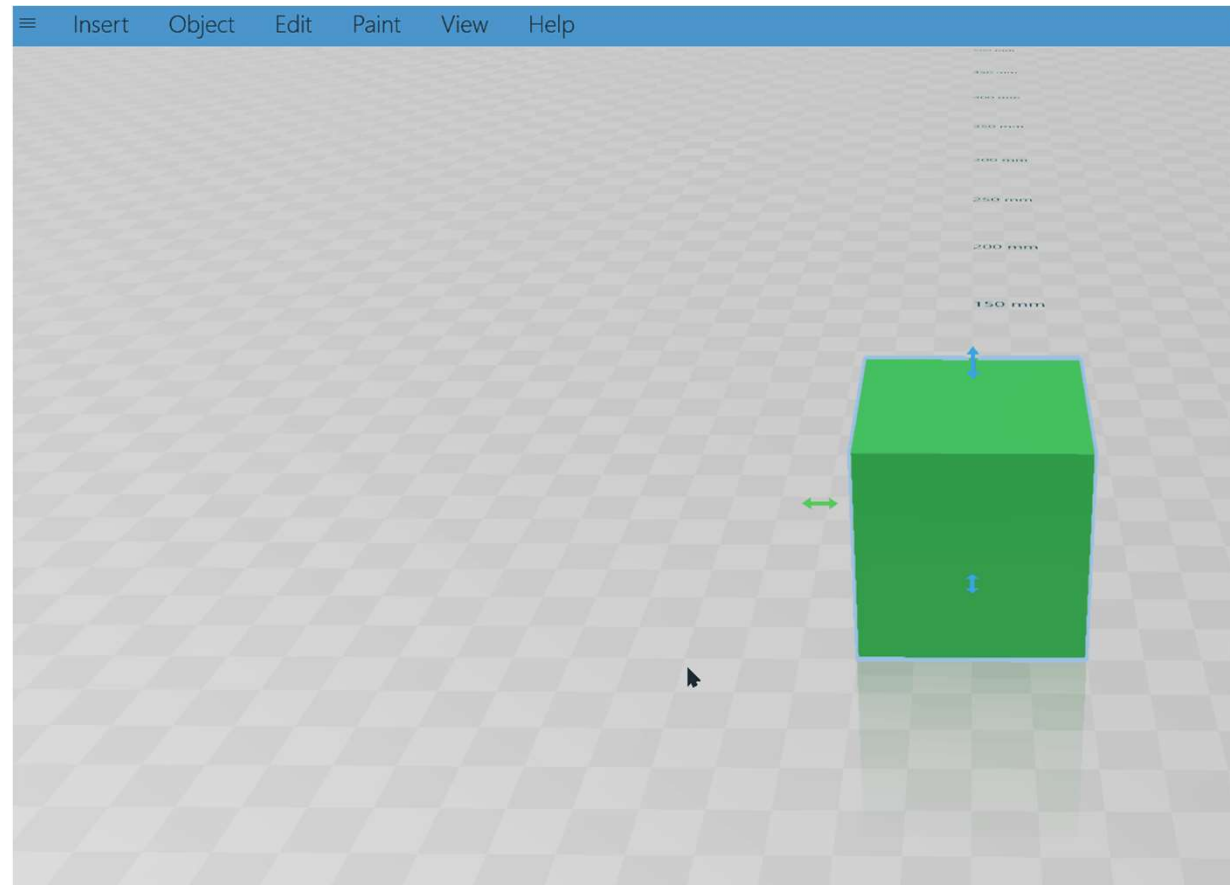


Microsoft 3D Builder

3D Builder Interface

Get around in the area:

- Zoom (Scroll)
- Rotate (Left click and hold on grid)
- Shift (Right click and hold on grid)





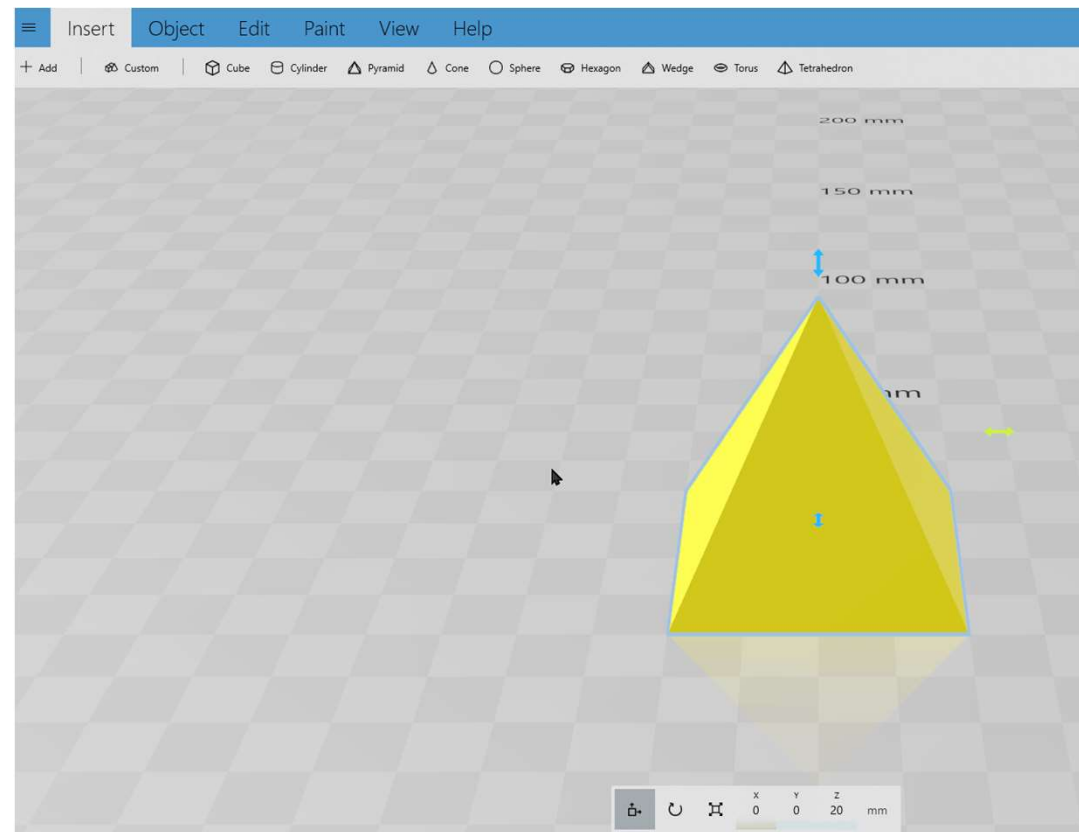
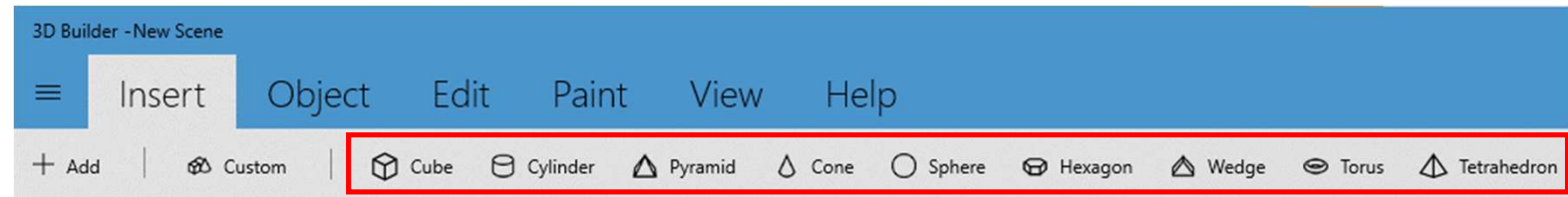
Microsoft 3D Builder

3D Builder Interface

Command Row

SHAPE -

MOVE, ROTATE, TRANSFORM





Microsoft 3D Builder

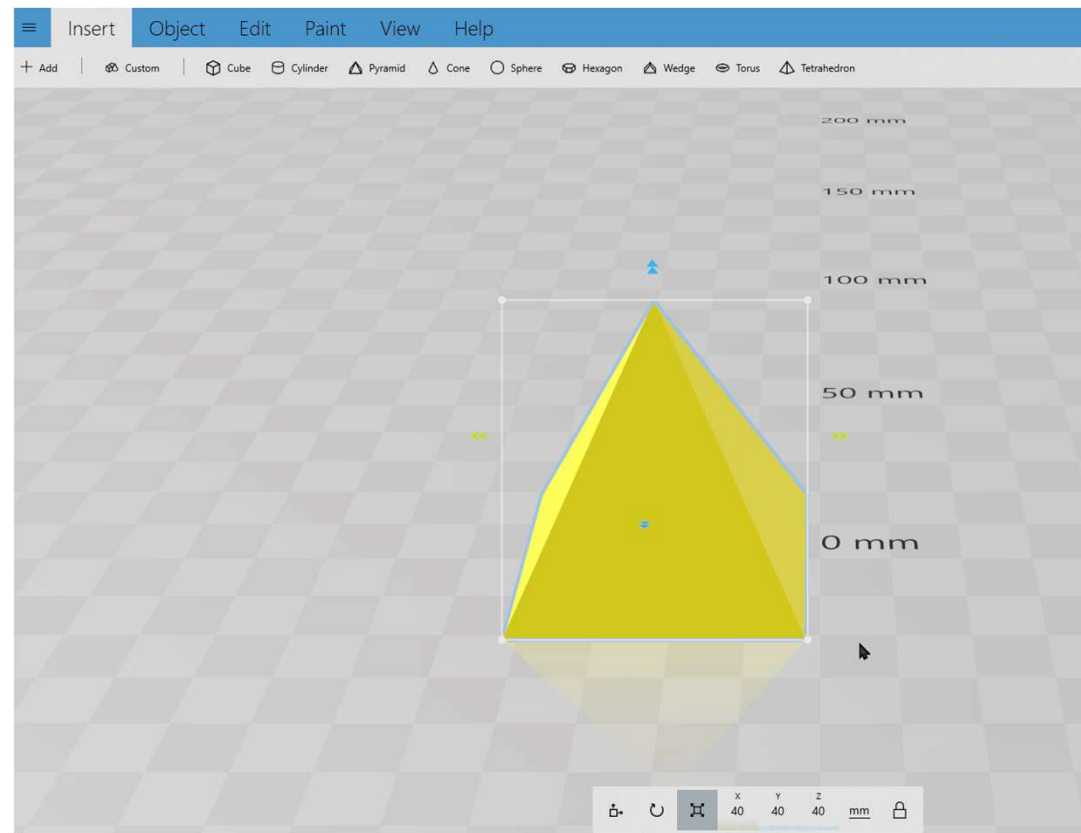
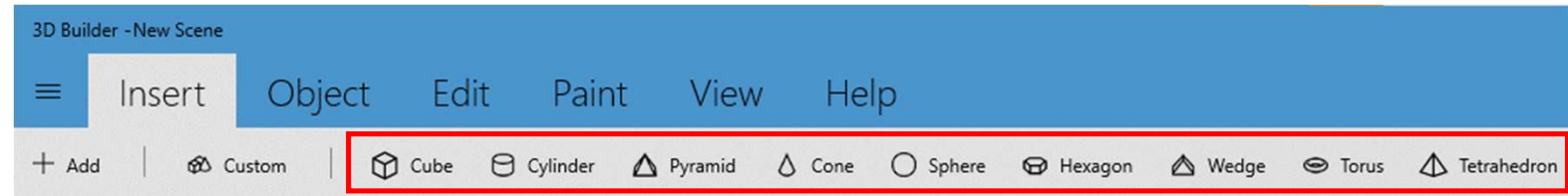
3D Builder Interface

Command Row

SHAPE -

MOVE, ROTATE, TRANSFORM

SET



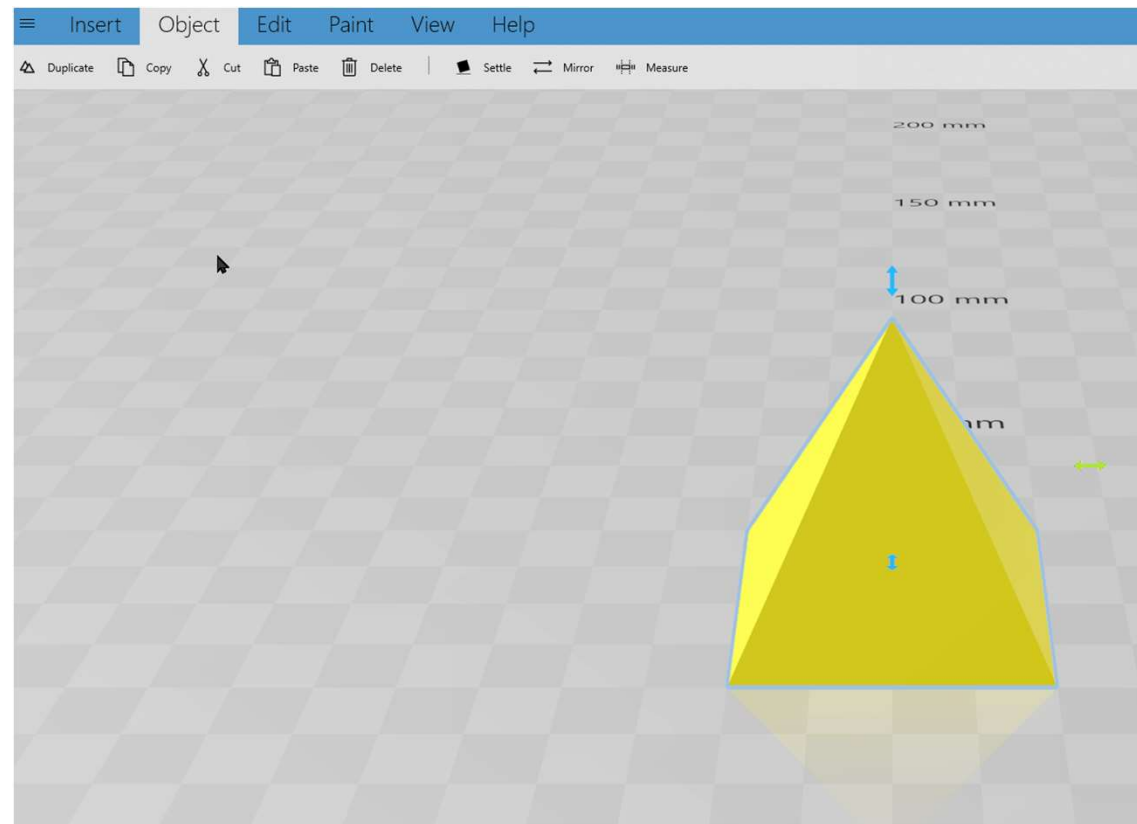
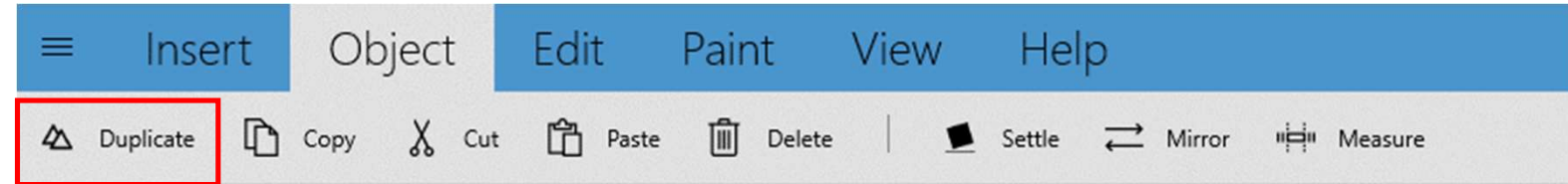
3D Drawing



Microsoft 3D Builder

3D Builder Interface

Command Row DUPLICATE

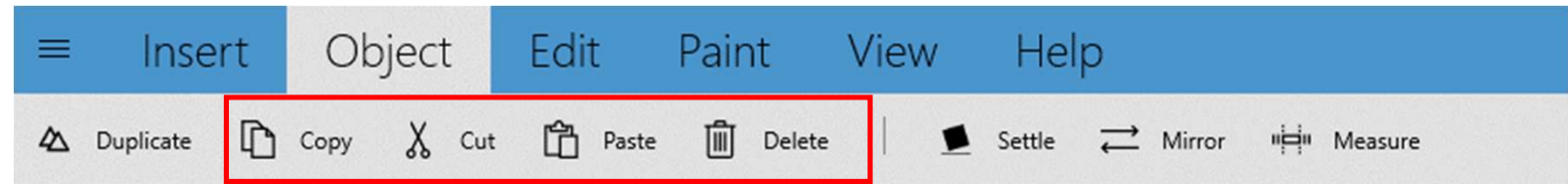




Microsoft 3D Builder

3D Builder Interface

Command Row



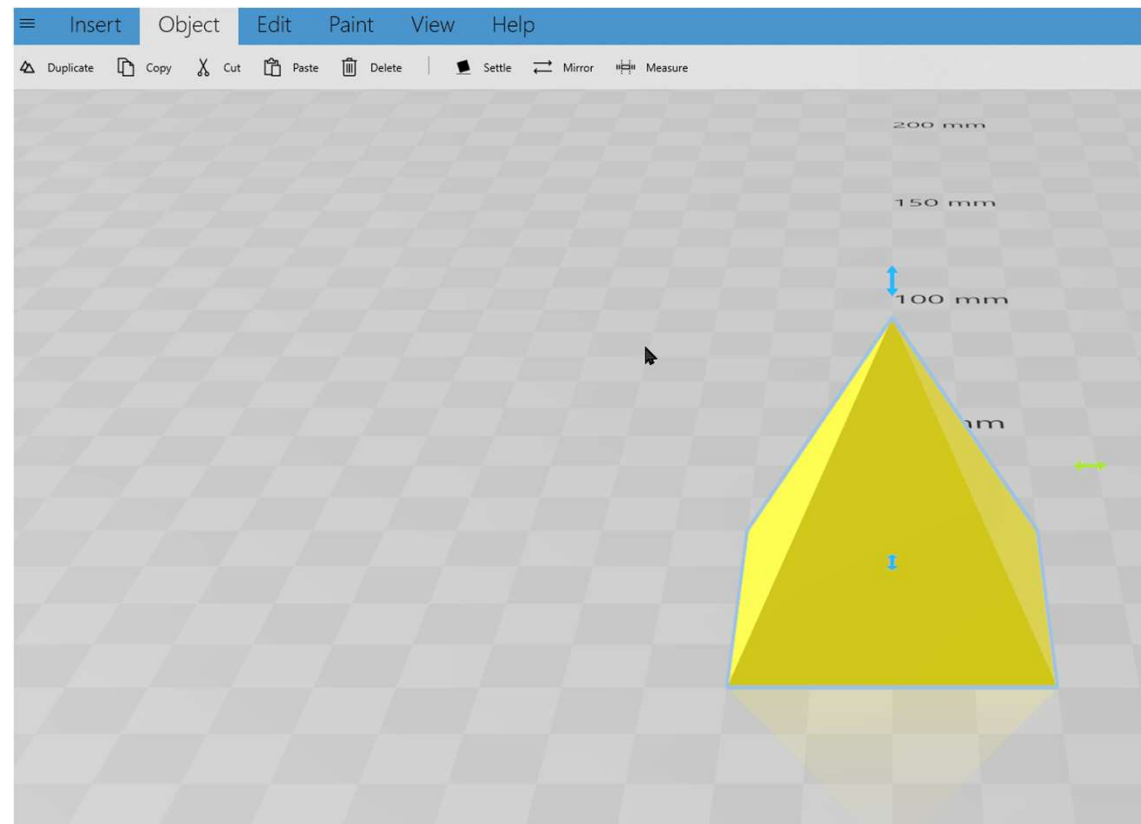
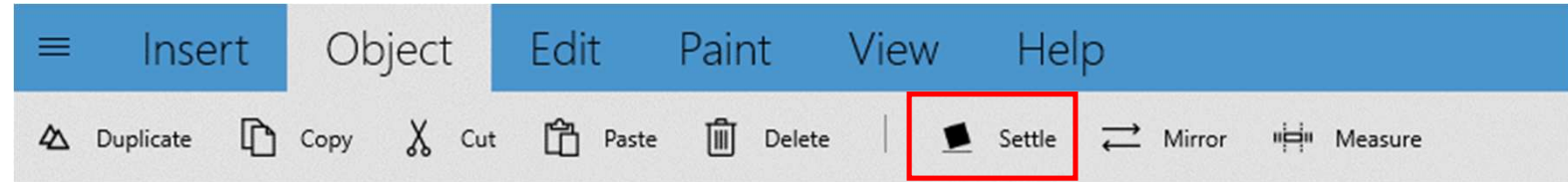
Copy, Cut, Paste, Delete



Microsoft 3D Builder

3D Builder Interface

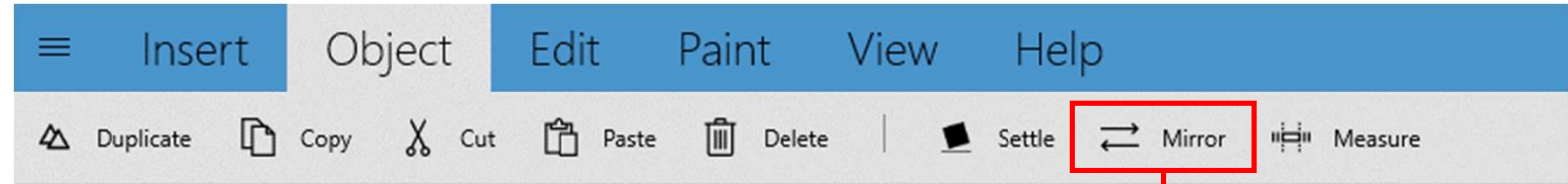
Command Row SETTLE



Microsoft 3D Builder

3D Builder Interface

Command Row

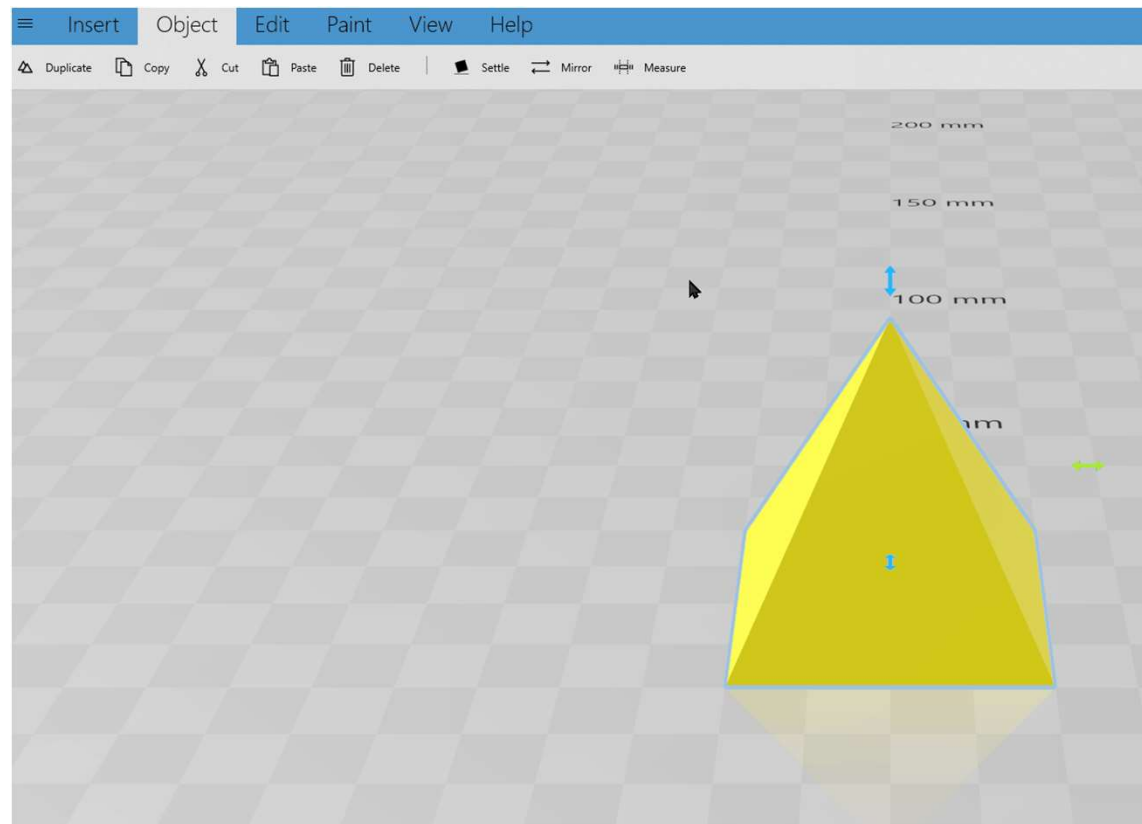
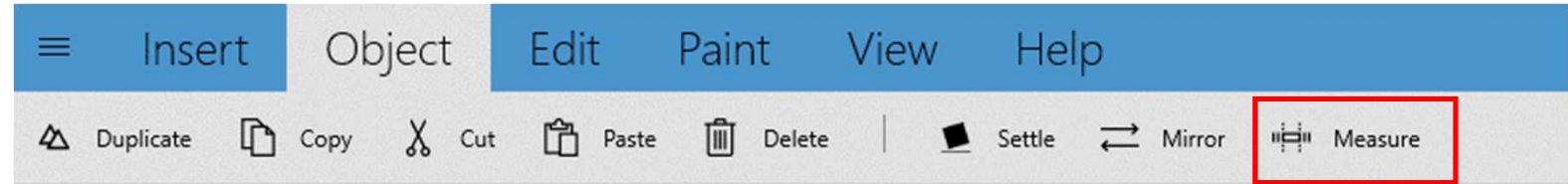


Mirror Horizontally

Microsoft 3D Builder

3D Builder Interface

Command Row MEASURE





Microsoft 3D Builder

3D Builder Interface

Command Row

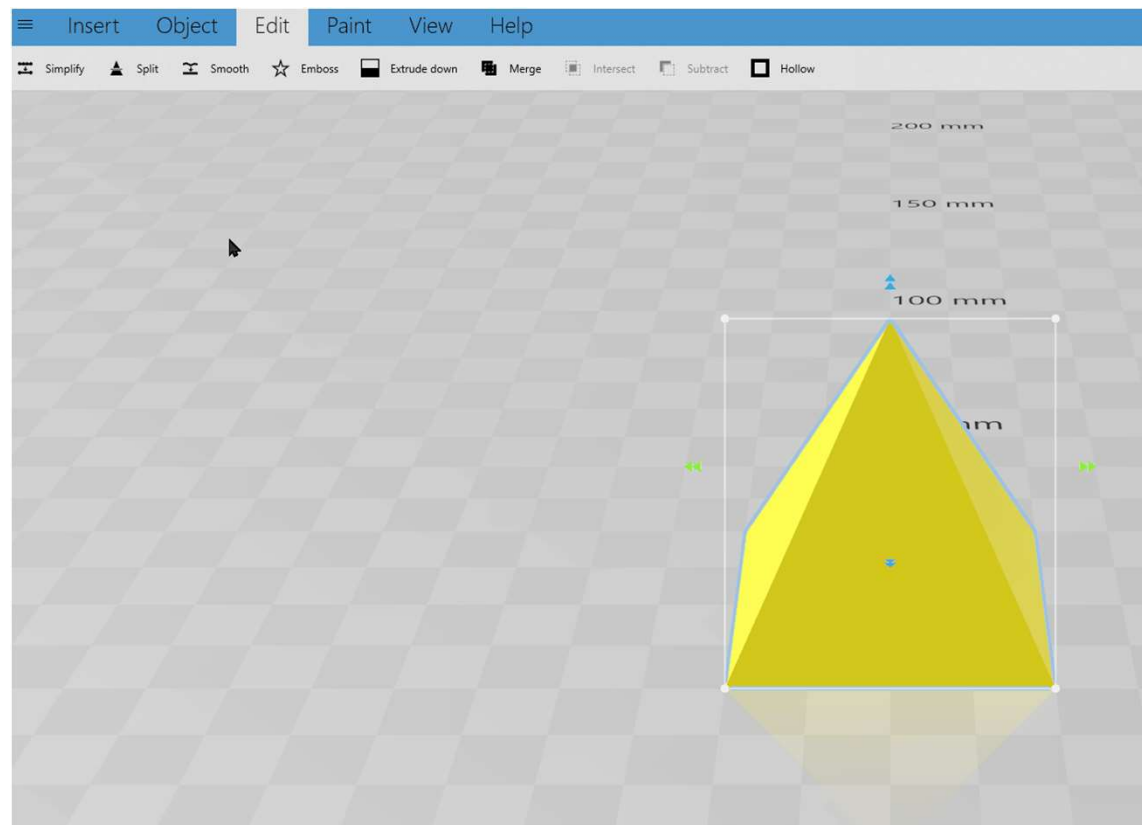
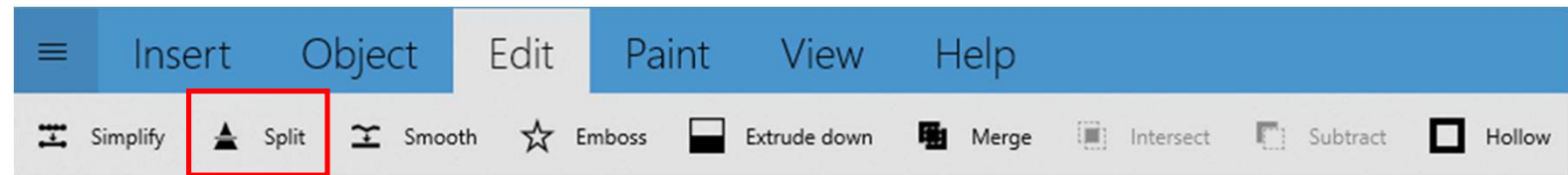


Simplify: Reduce details

Microsoft 3D Builder

3D Builder Interface

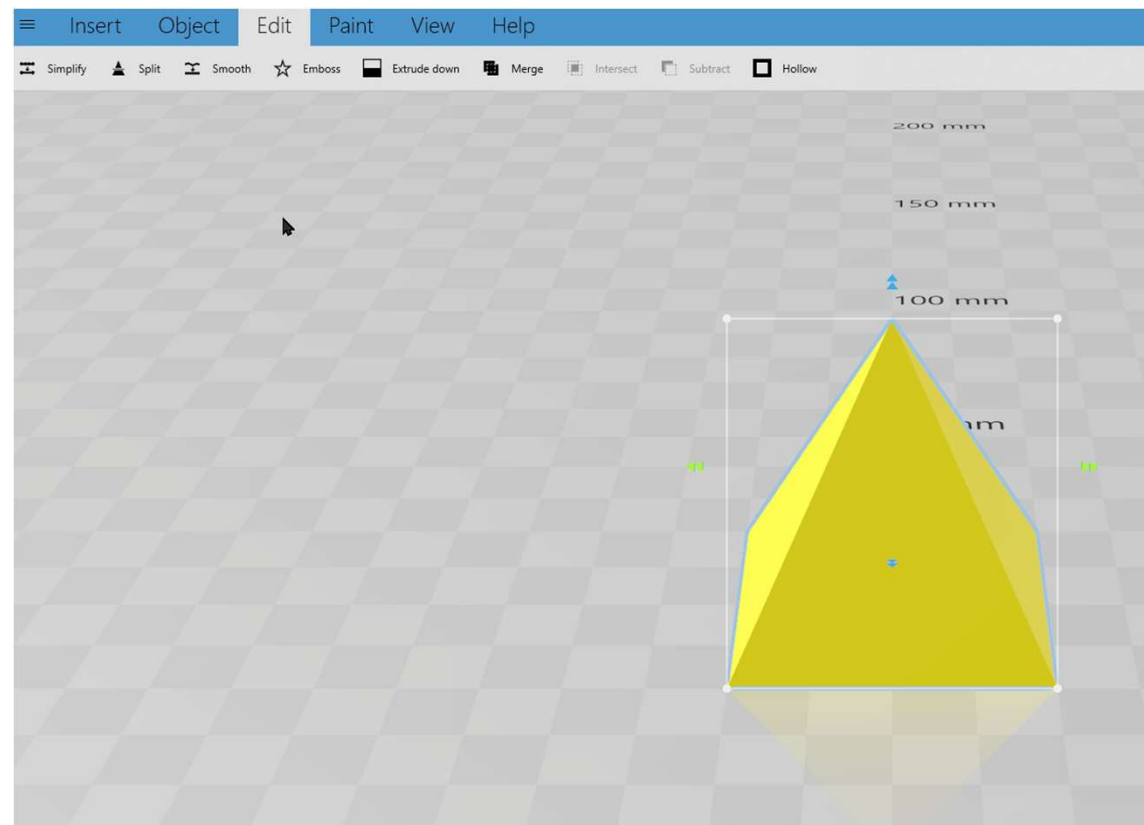
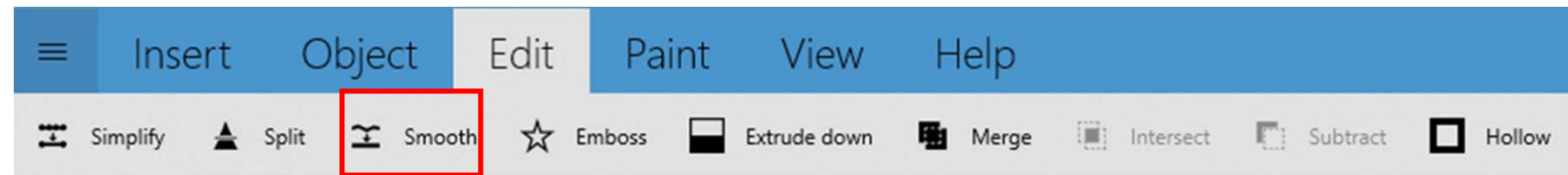
Command Row SPLIT



Microsoft 3D Builder

3D Builder Interface

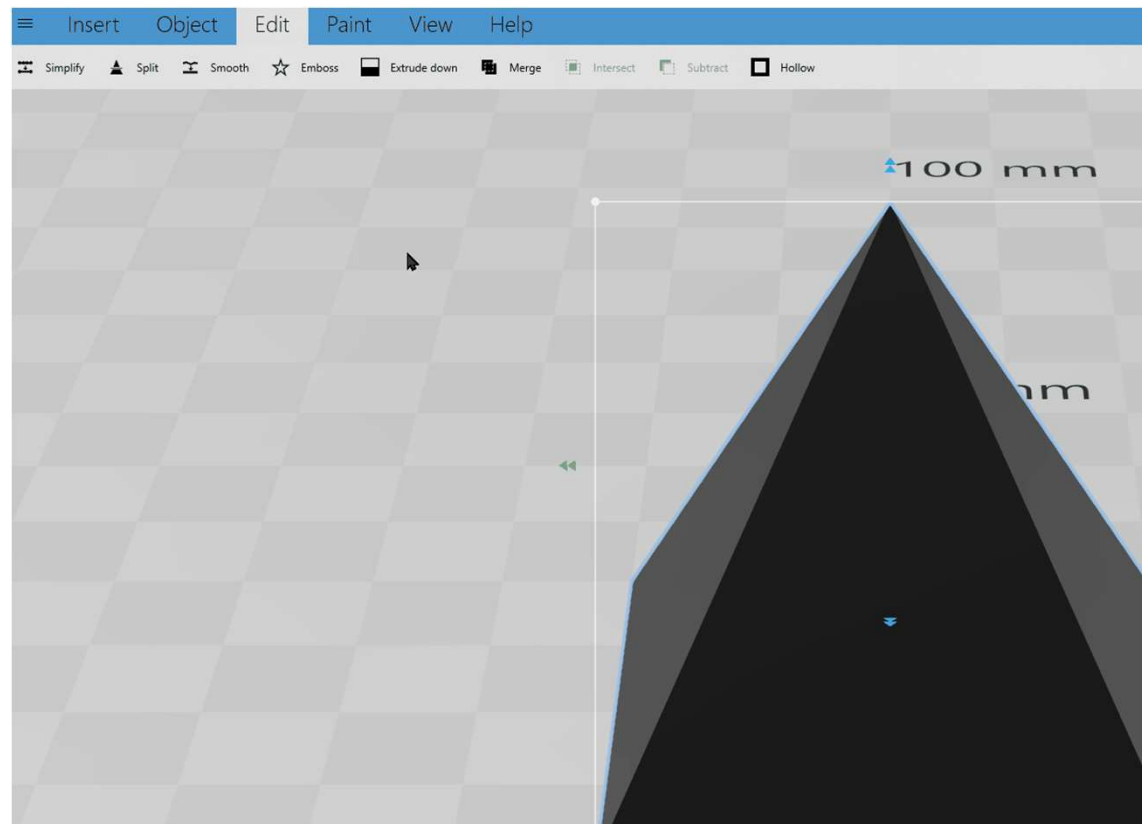
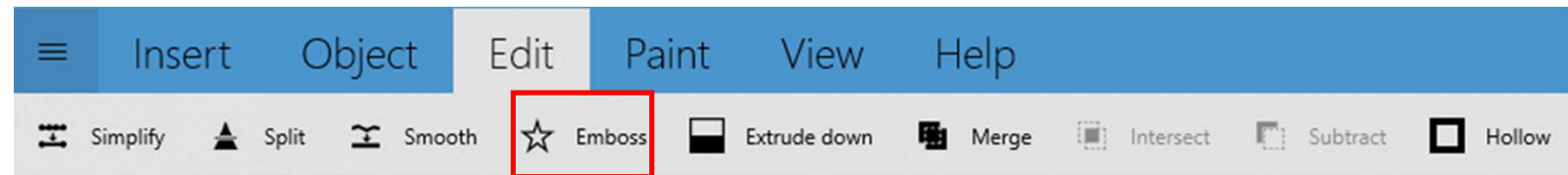
Command Row SMOOTH



Microsoft 3D Builder

3D Builder Interface

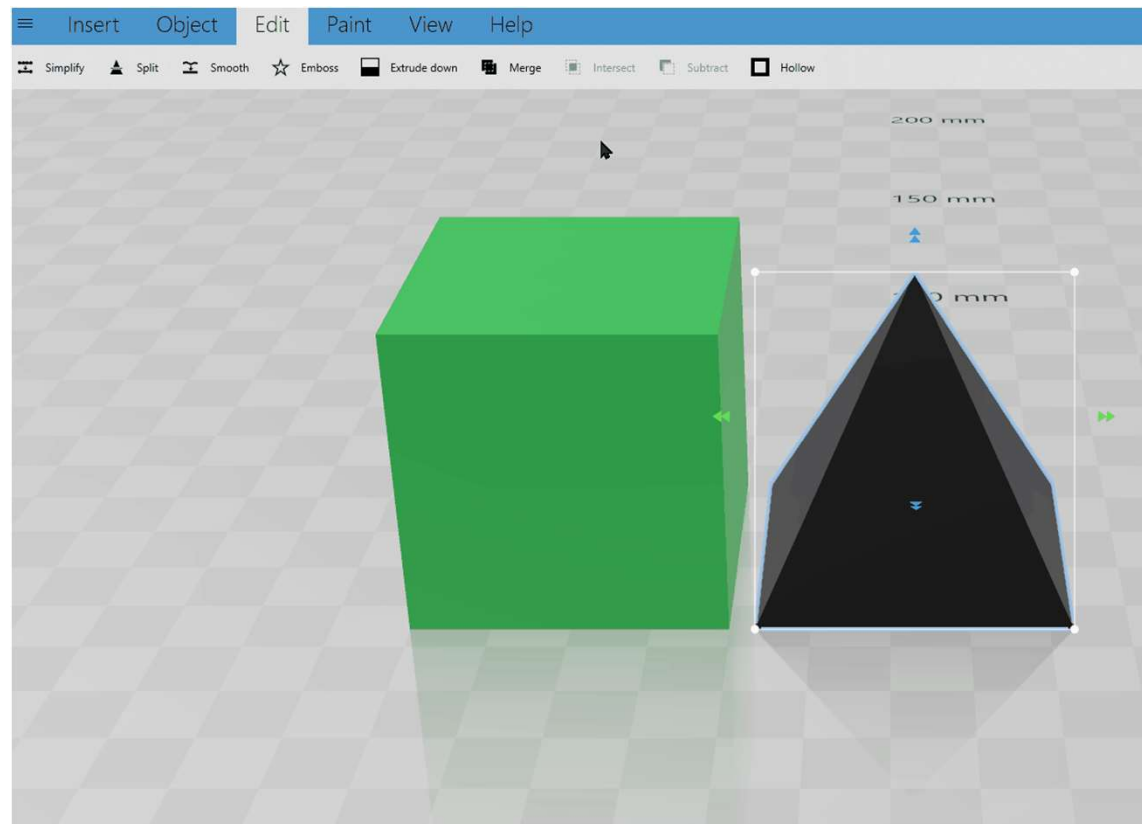
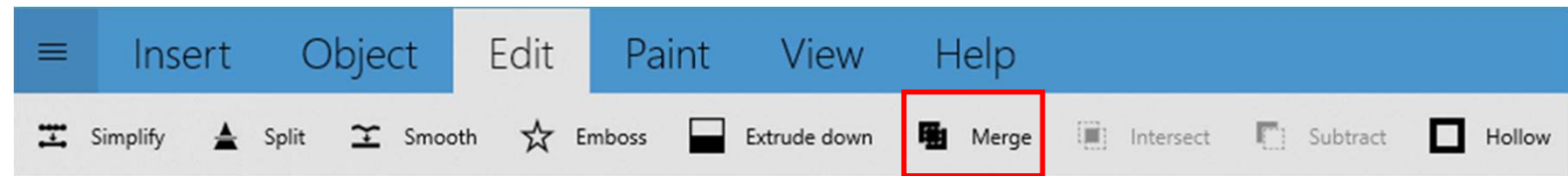
Command Row EMBOSS



Microsoft 3D Builder

3D Builder Interface

Command Row MERGE

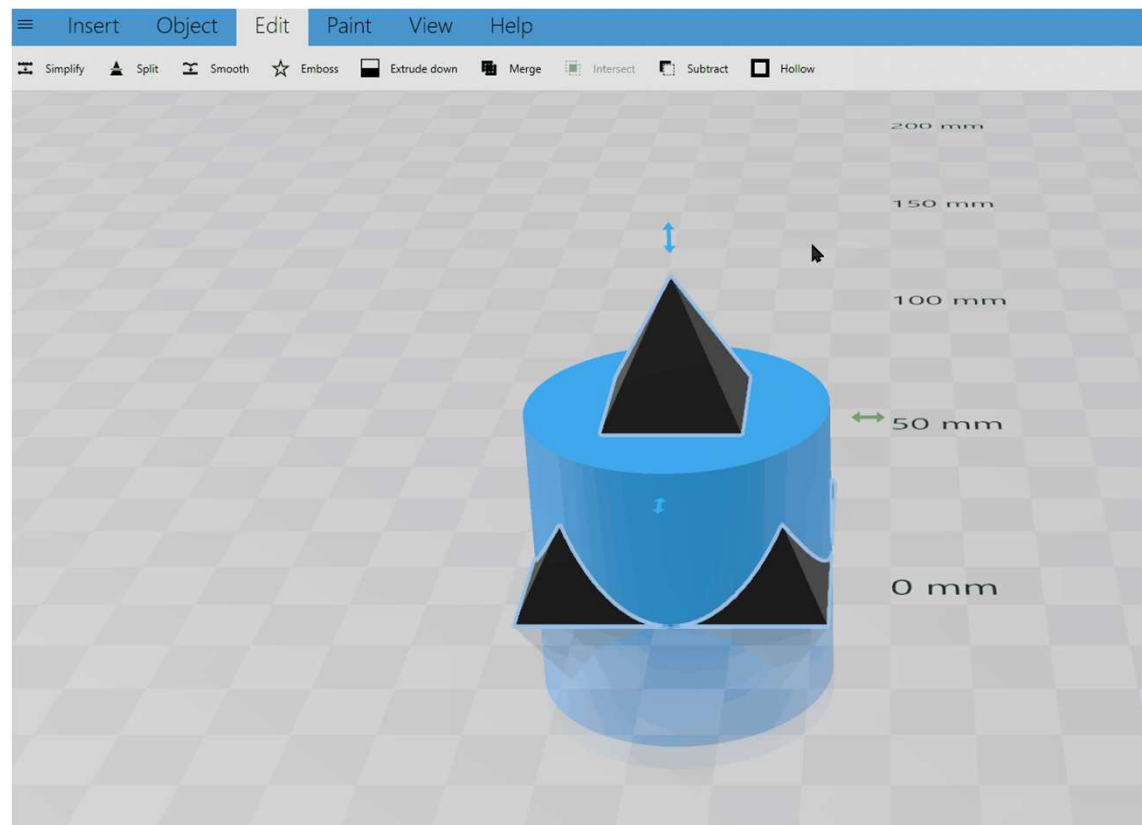
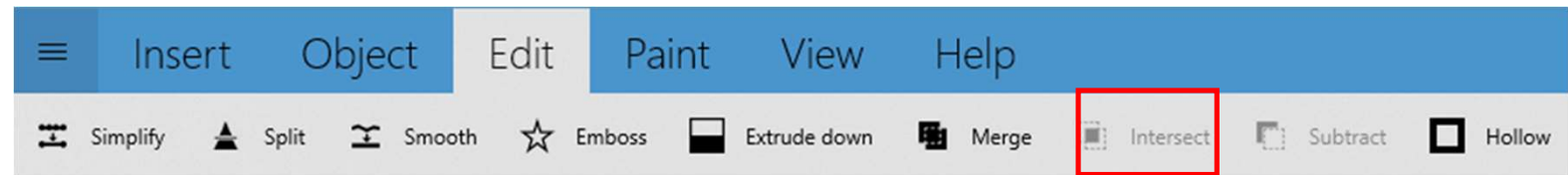


3D Drawing

Microsoft 3D Builder

3D Builder Interface

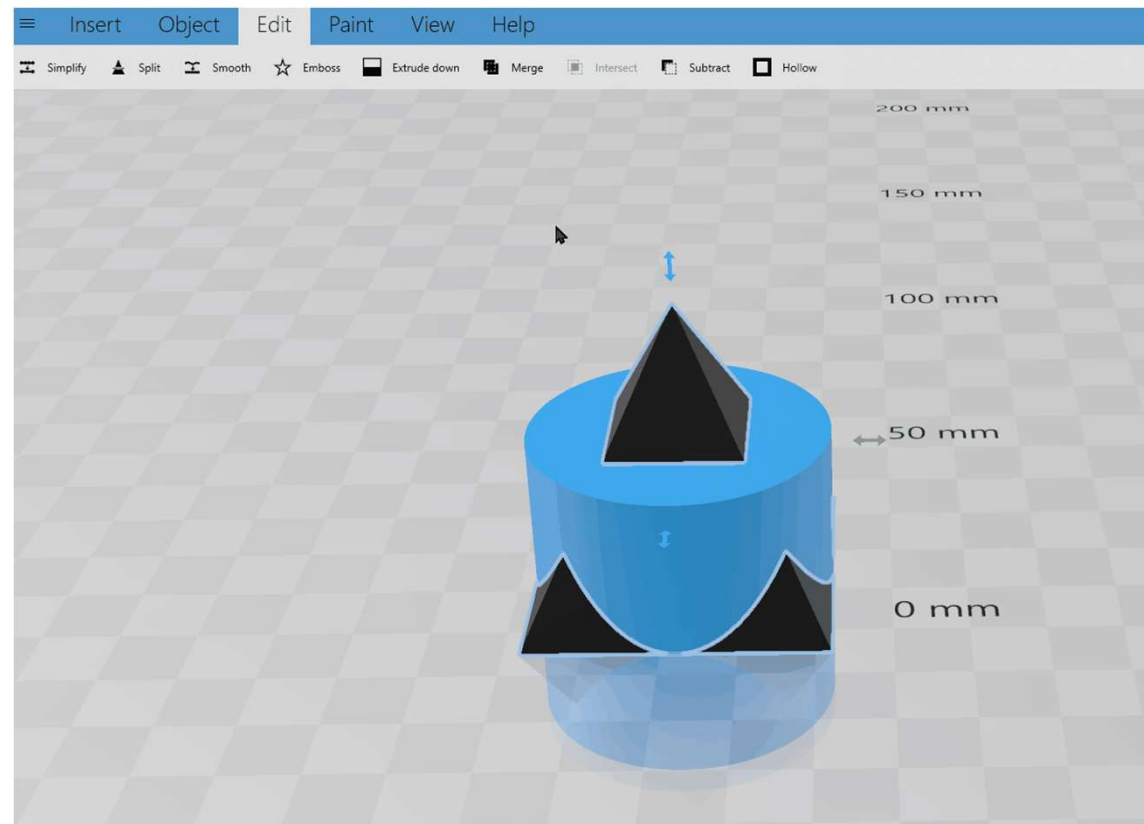
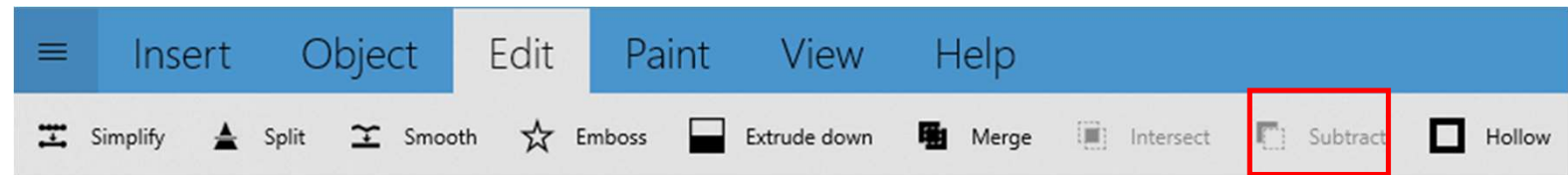
Command Row INTERSECT



Microsoft 3D Builder

3D Builder Interface

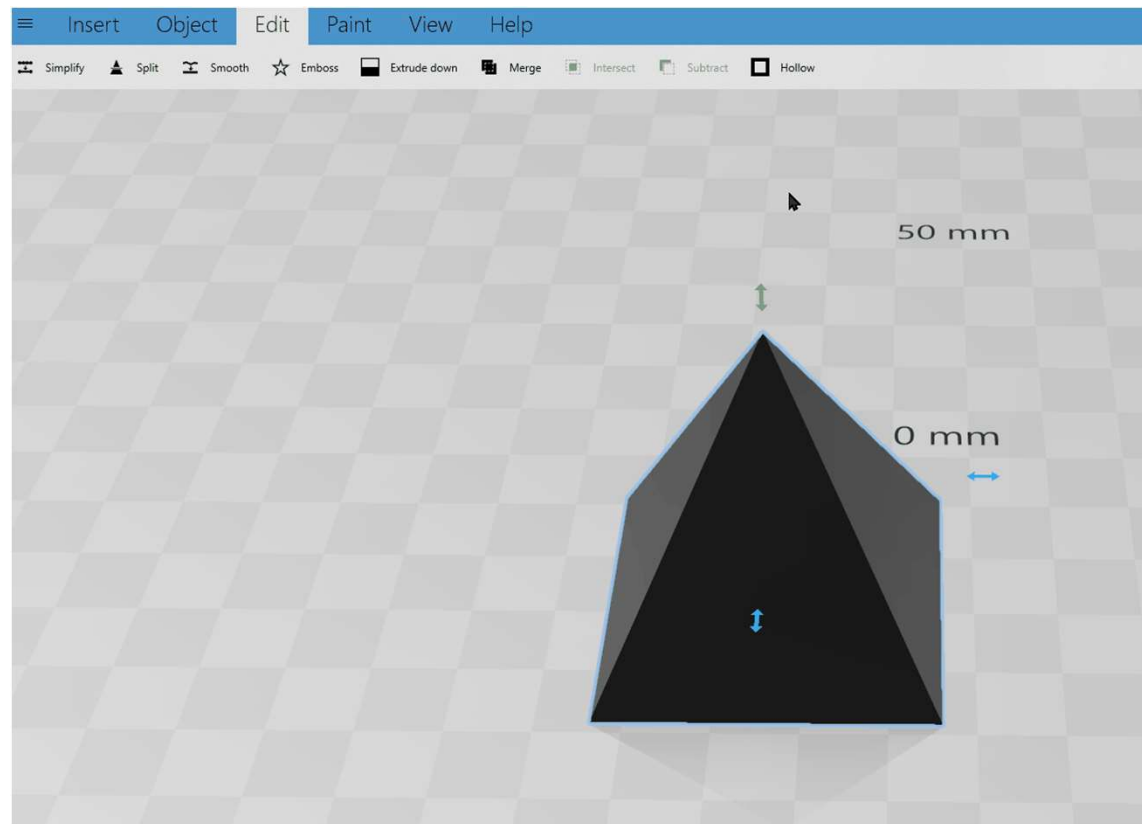
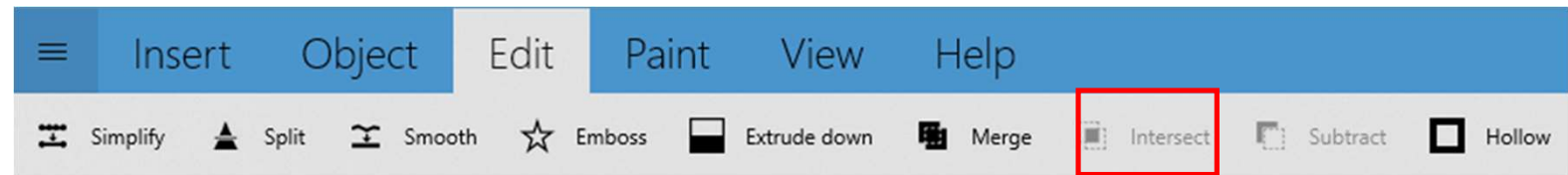
Command Row
SUBTRACT
(opposite Intersect)



Microsoft 3D Builder

3D Builder Interface

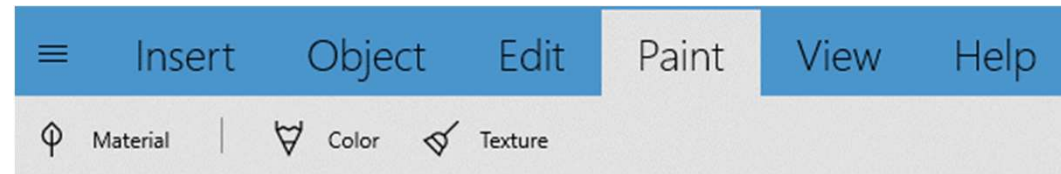
Command Row
HOLLOW





Microsoft 3D Builder

3D Builder Interface



Command Row PAINT

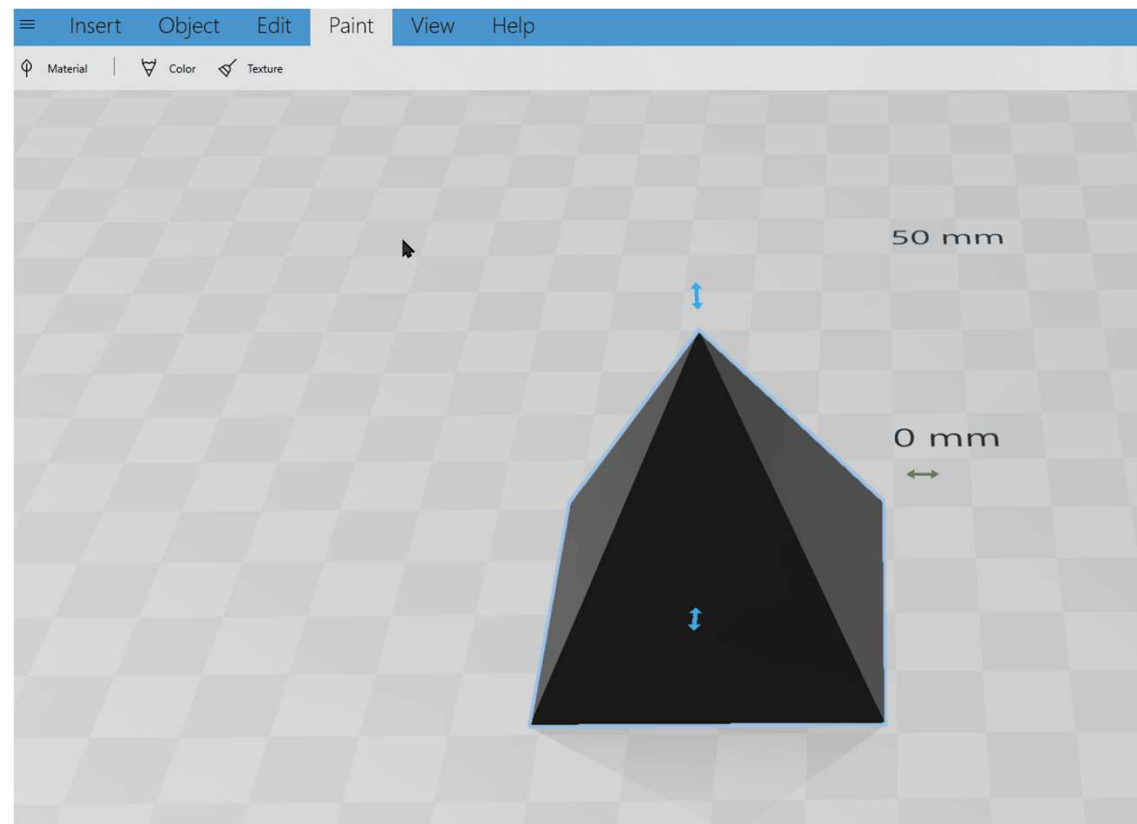
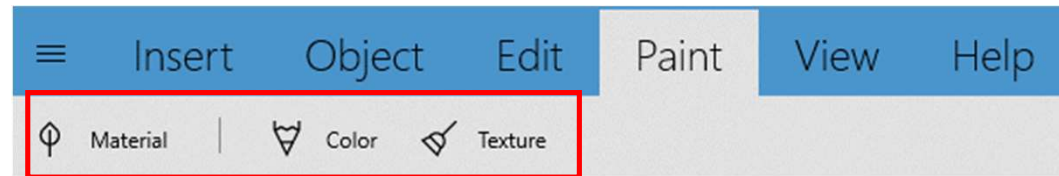




Microsoft 3D Builder

3D Builder Interface

Command Row PAINT

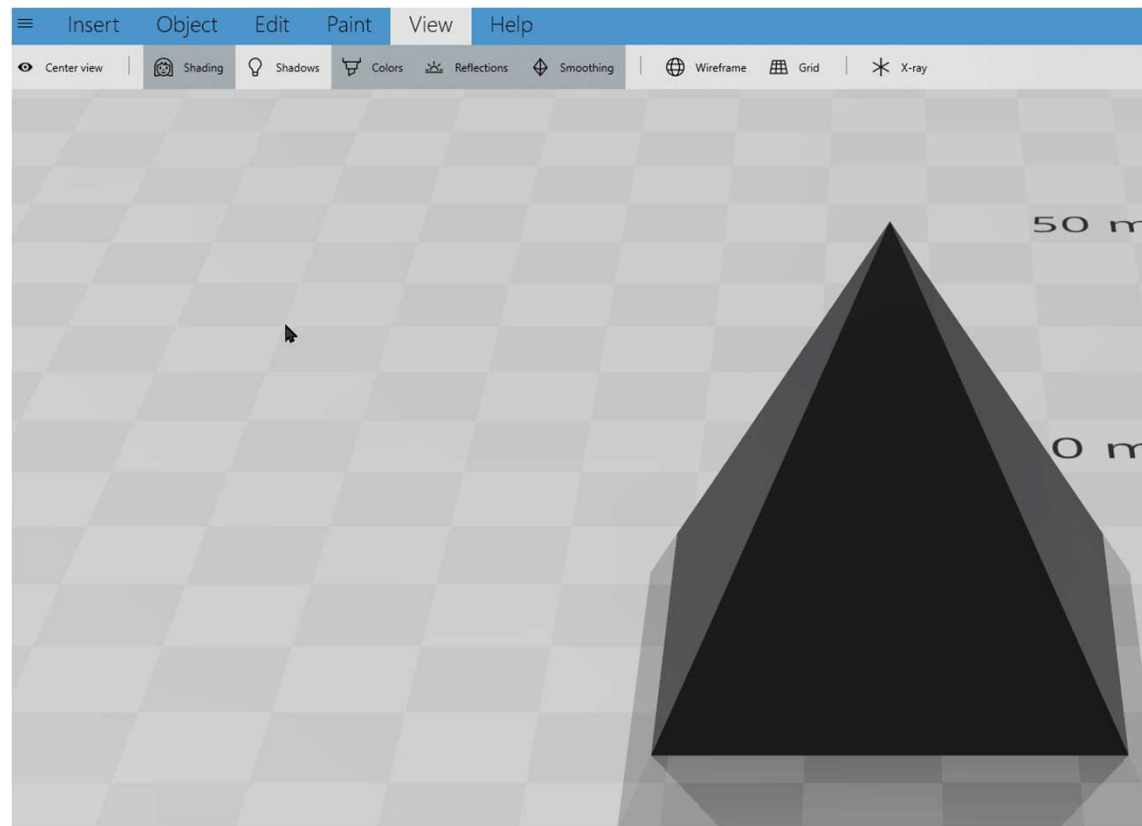
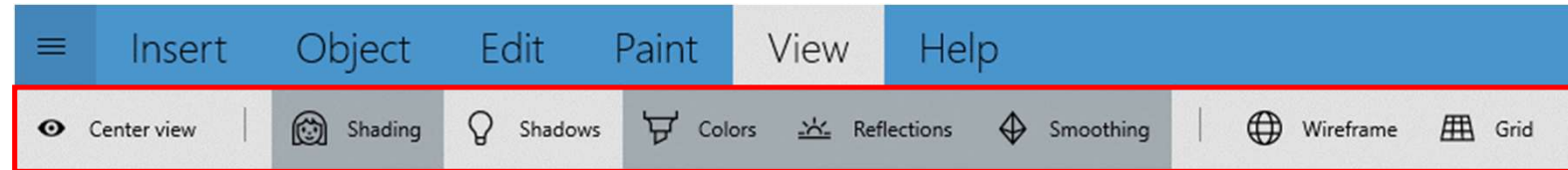




Microsoft 3D Builder

3D Builder Interface

Command Row VIEW



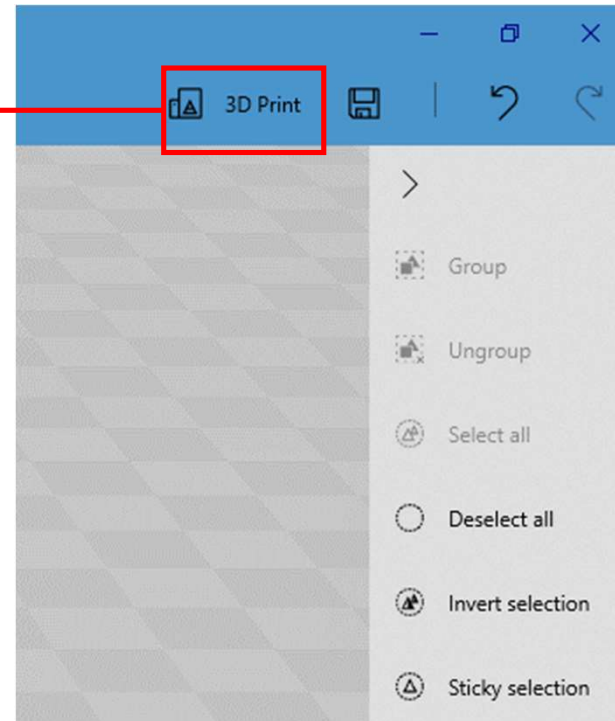


Microsoft 3D Builder

3D Builder Interface

Command Row

3D Print
Local or Online
Service

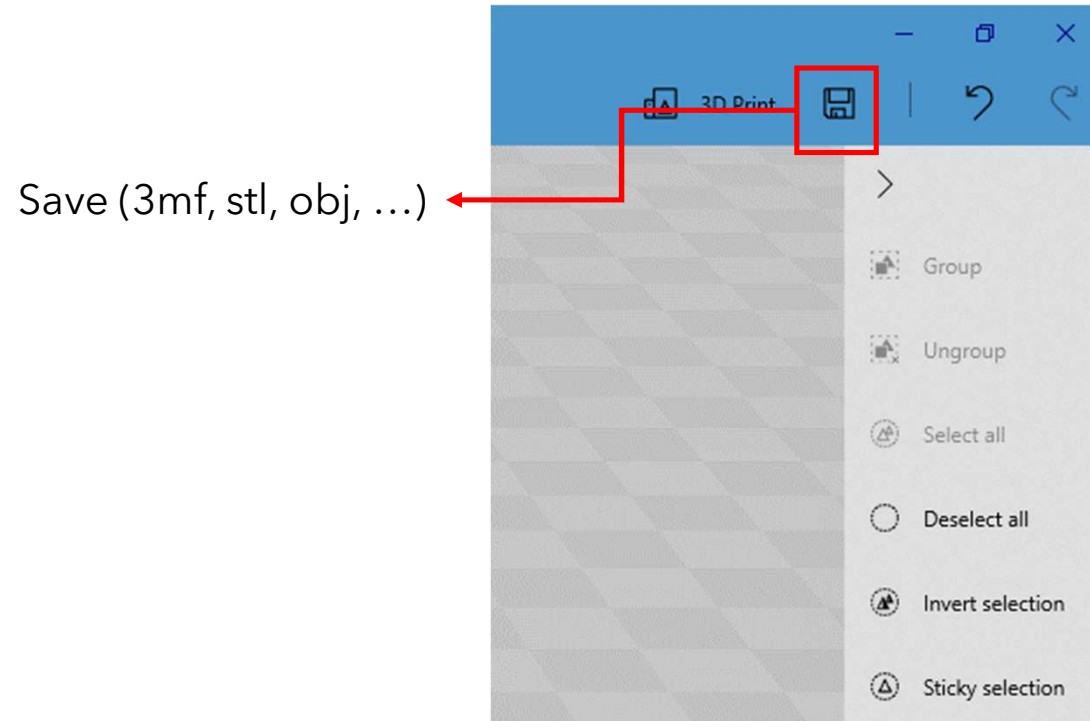




Microsoft 3D Builder

3D Builder Interface

Command Row



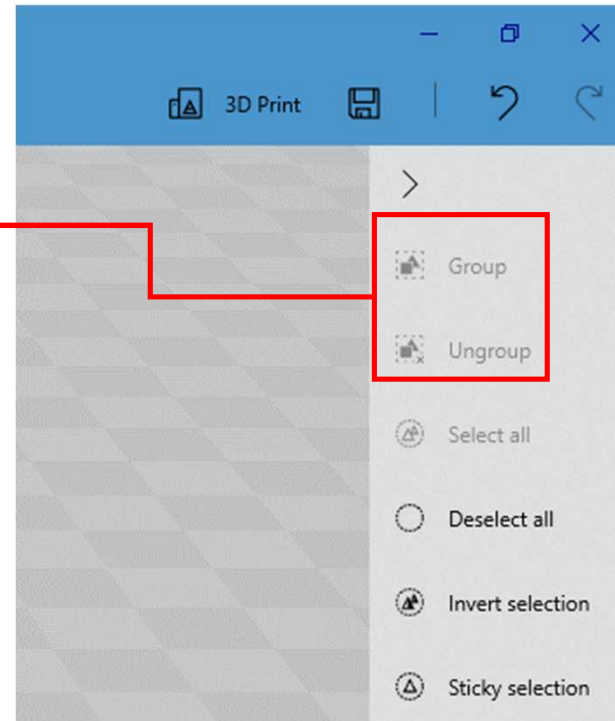


Microsoft 3D Builder

3D Builder Interface

Command Row

Group (as Merge)
/Ungroup



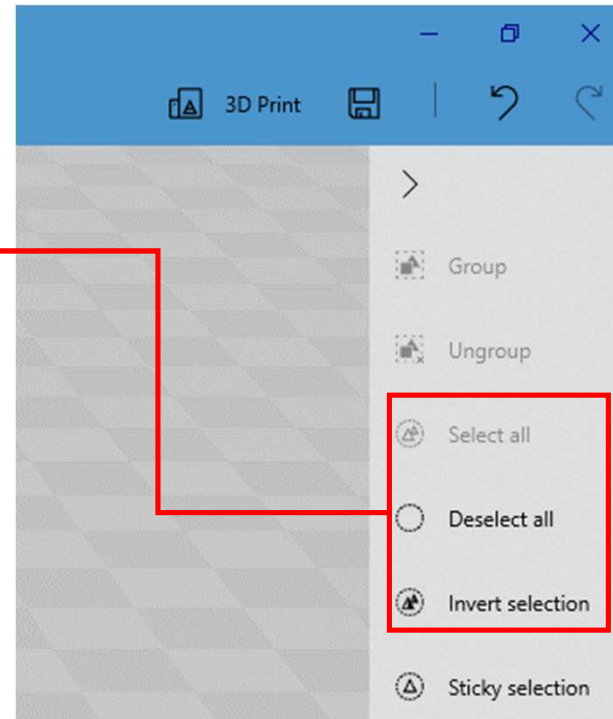


Microsoft 3D Builder

3D Builder Interface

Command Row

Select All/
Deselect All/ Invert
selection



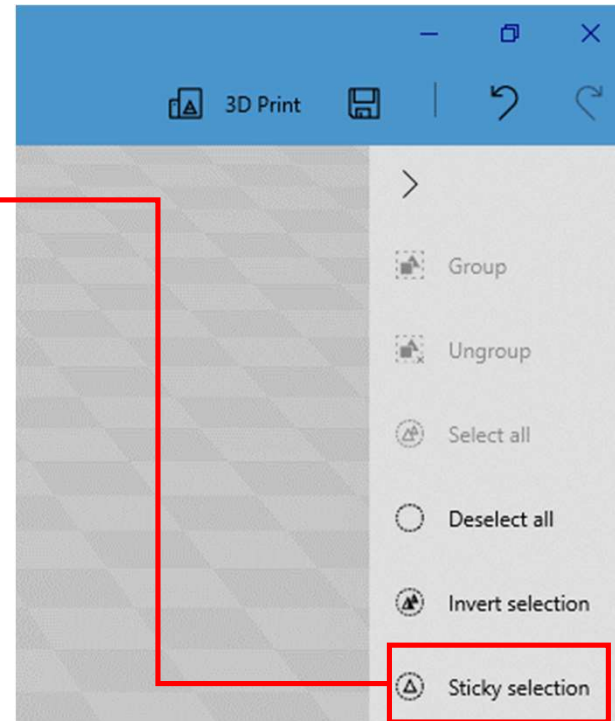


Microsoft 3D Builder

3D Builder Interface

Command Row

Sticky Extension





Autodesk
TinkerCad
(tinkercad.com)



Lyo

Search designs...

3D Designs

Circuits

Codeblocks

NEW

Lessons

Your Classes

Collections

Pixy

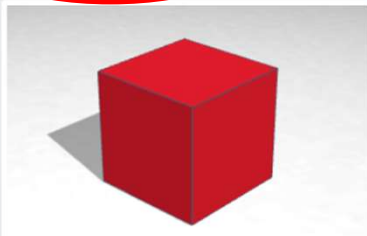
ARCA

JoyStick Case

My recent designs

Create new design

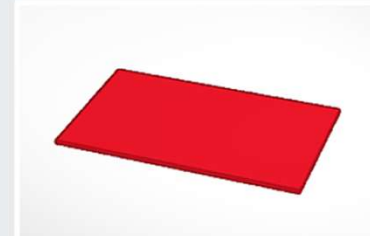
Select



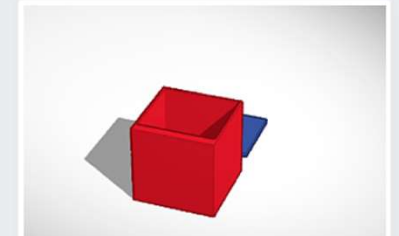
ABeyGa
4 giorni fa
Private



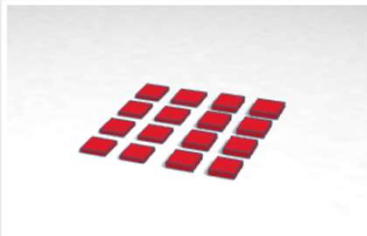
Grifone
5 giorni fa
Private



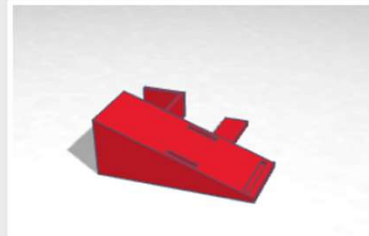
scudo DiegoI
18 giorni fa
Private



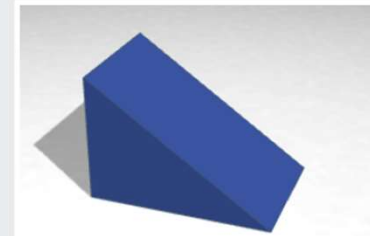
iCube Box
2 mesi fa
Private



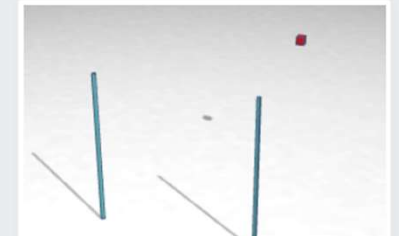
Blocchetti Sodalizio



Cuneo Fibaro PIR



Cuneo MailaB

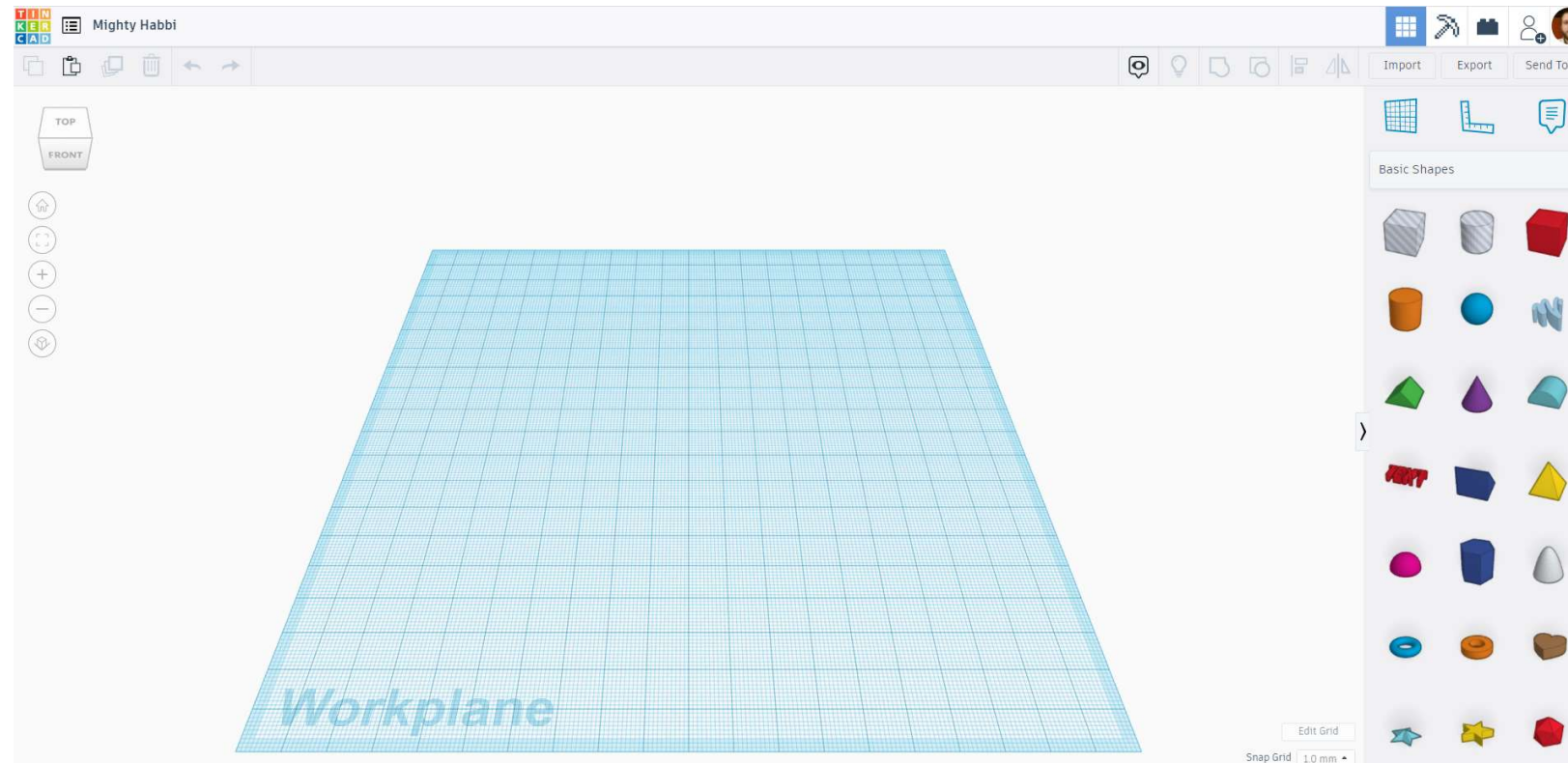


Incavo cubo



Autodesk TinkerCad

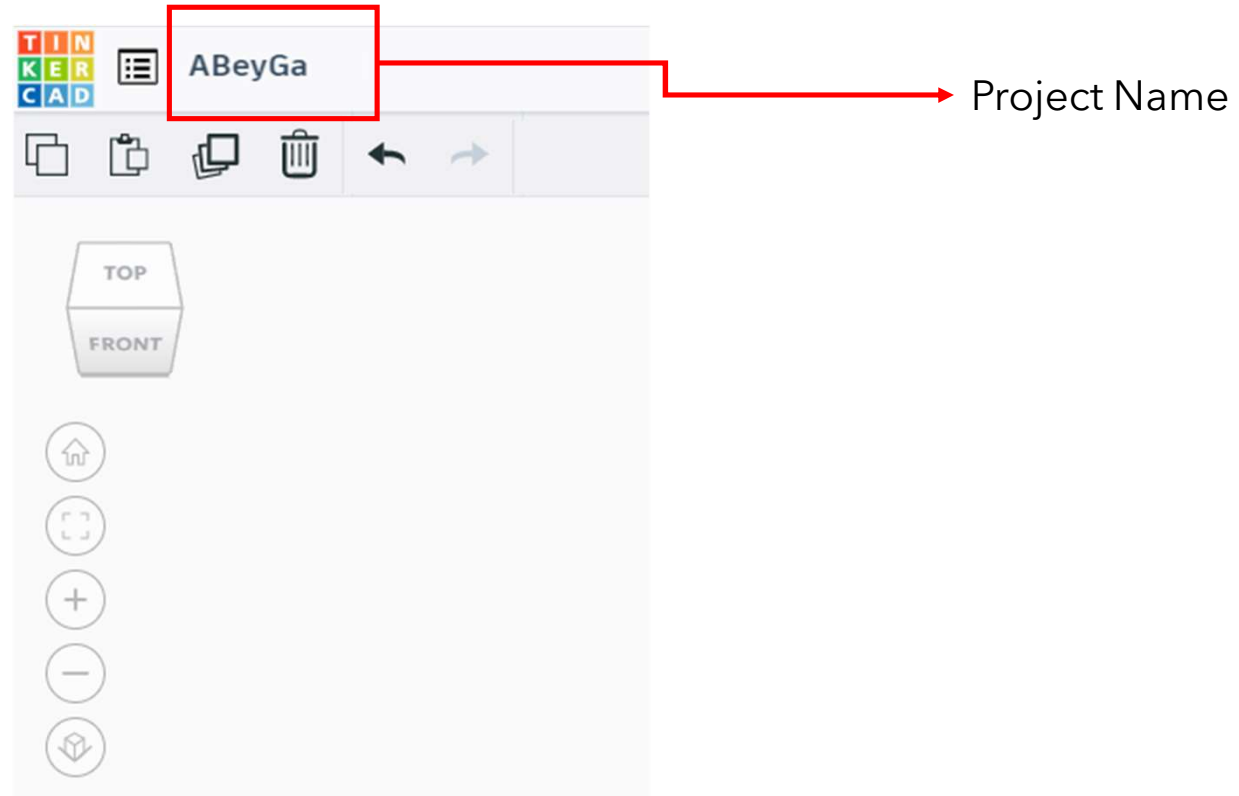
TinkerCad interface





Autodesk TinkerCad

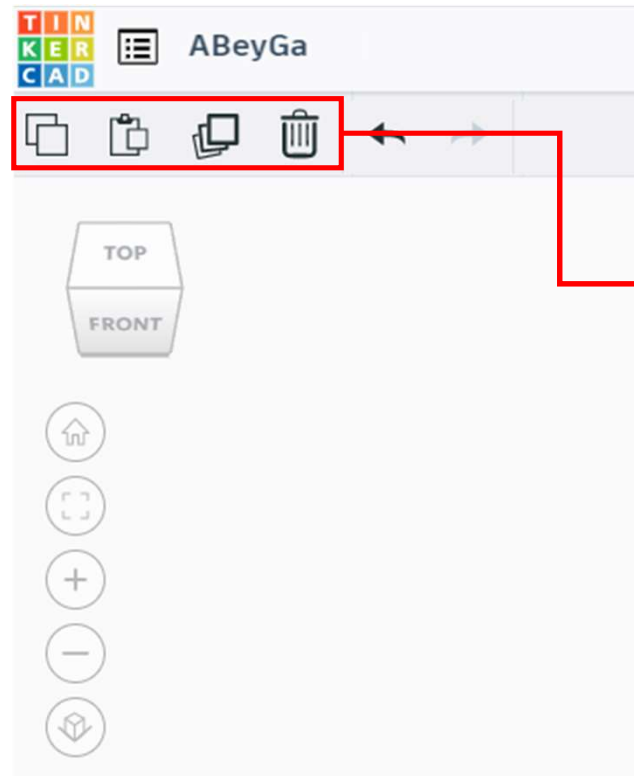
TinkerCad interface





Autodesk TinkerCad

TinkerCad interface



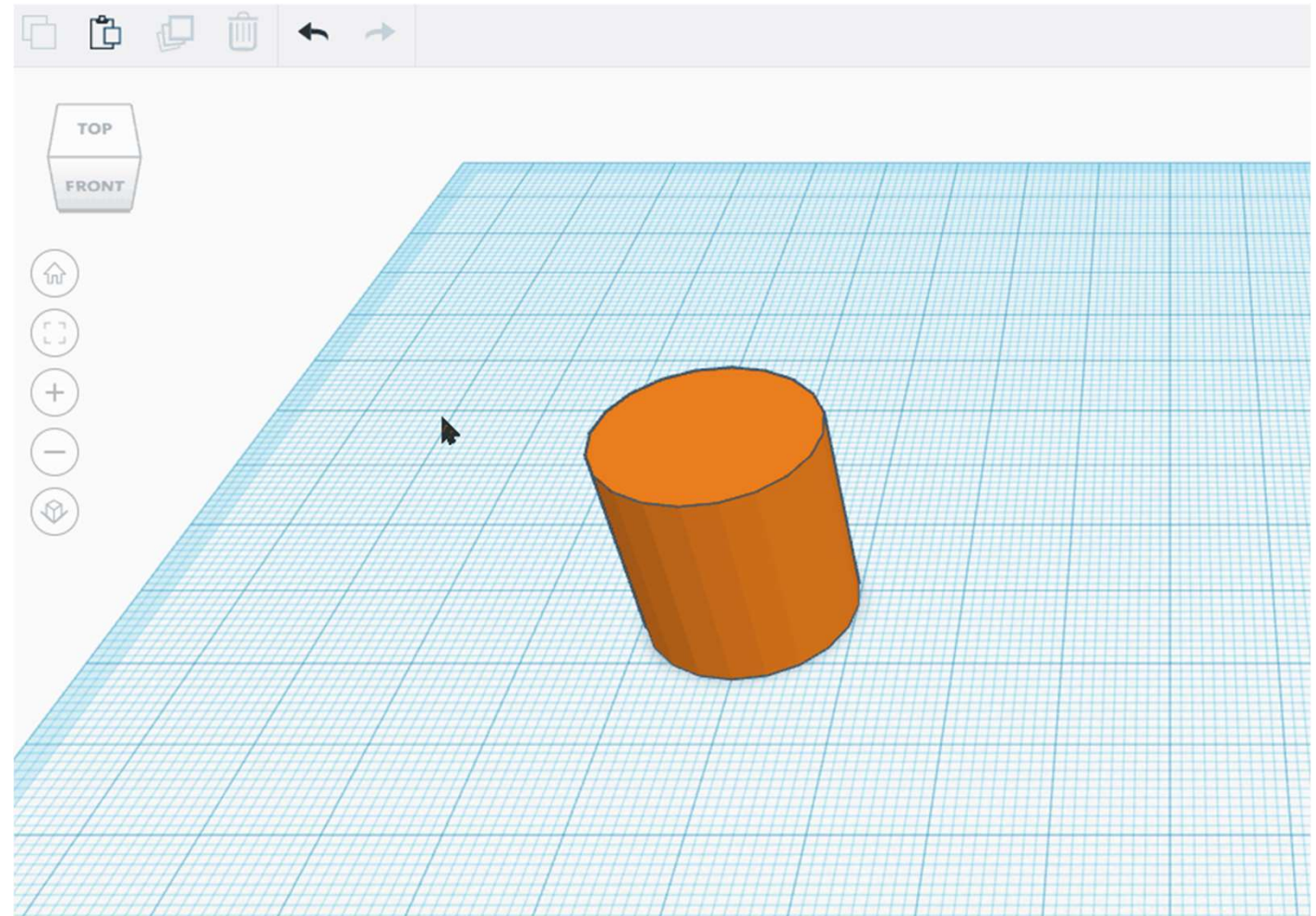
- Copy
- Paste
- Duplicate & Repeat
- Delete



Autodesk TinkerCad

TinkerCad interface

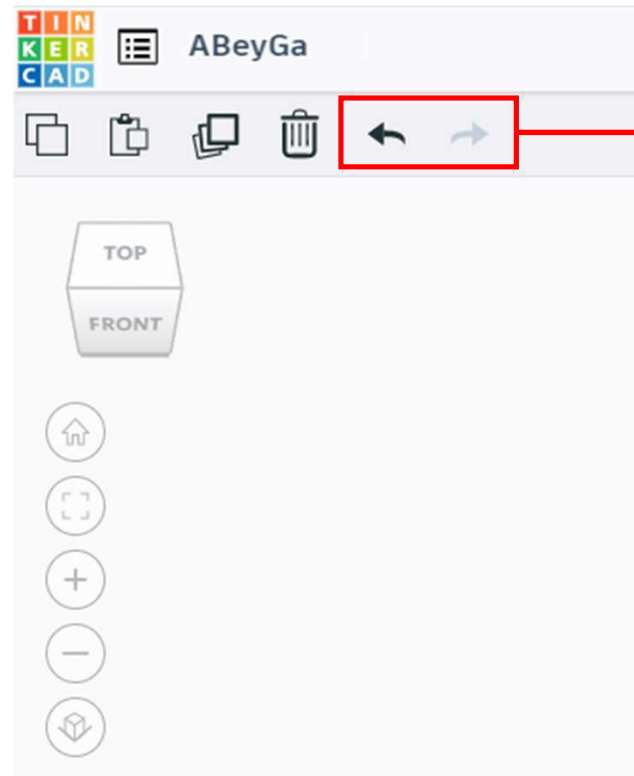
Duplicate & Repeat
Or
Copy & Paste?





Autodesk TinkerCad

TinkerCad interface

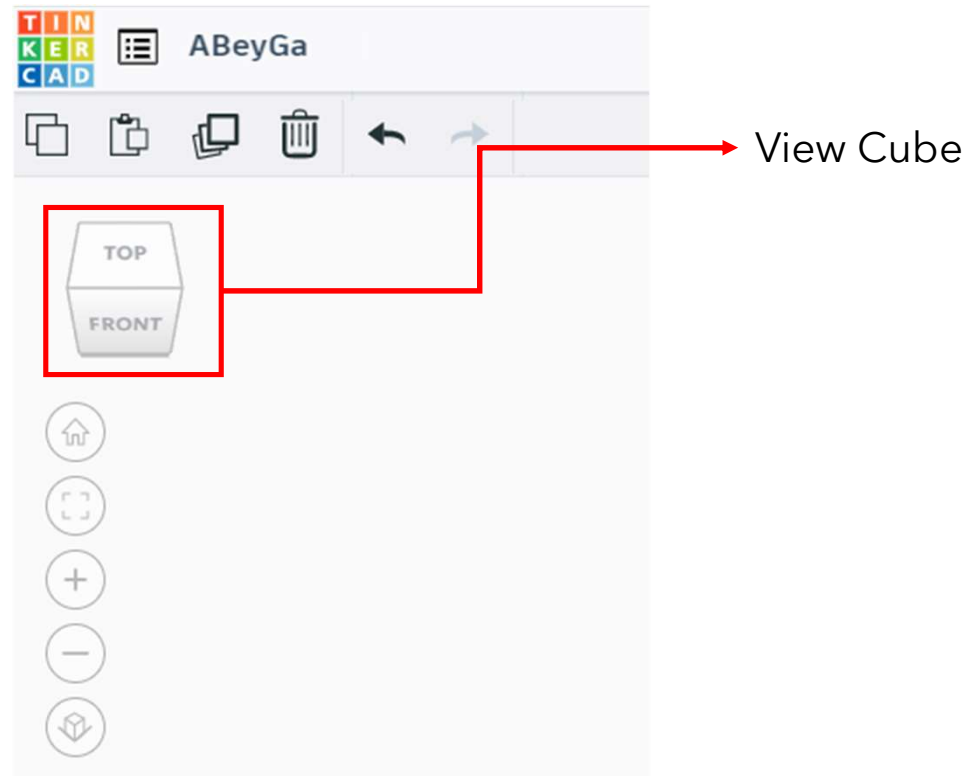


- Undo
- Redo



Autodesk TinkerCad

TinkerCad interface



View Cube

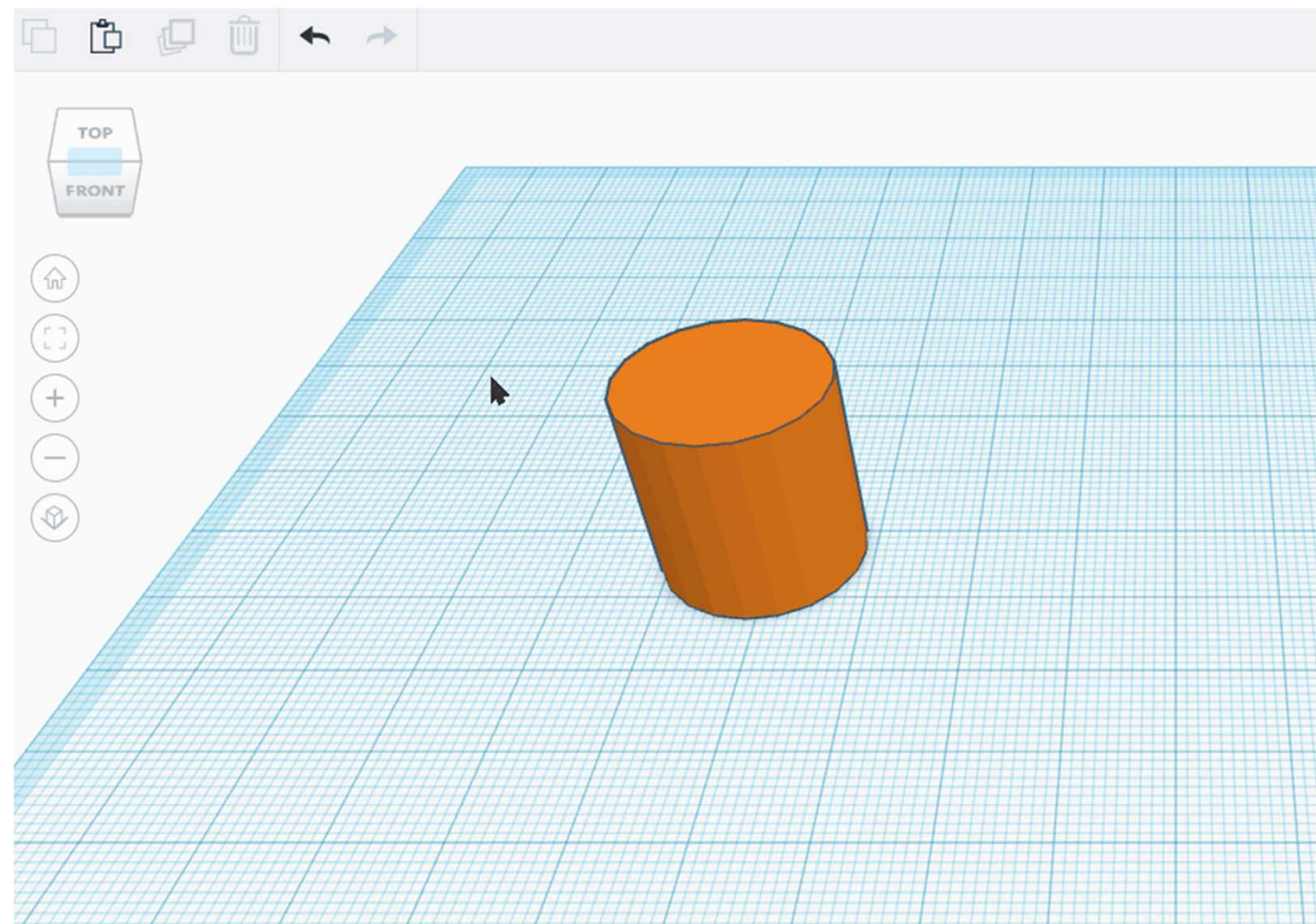




Autodesk TinkerCad

TinkerCad interface

View Cube Click



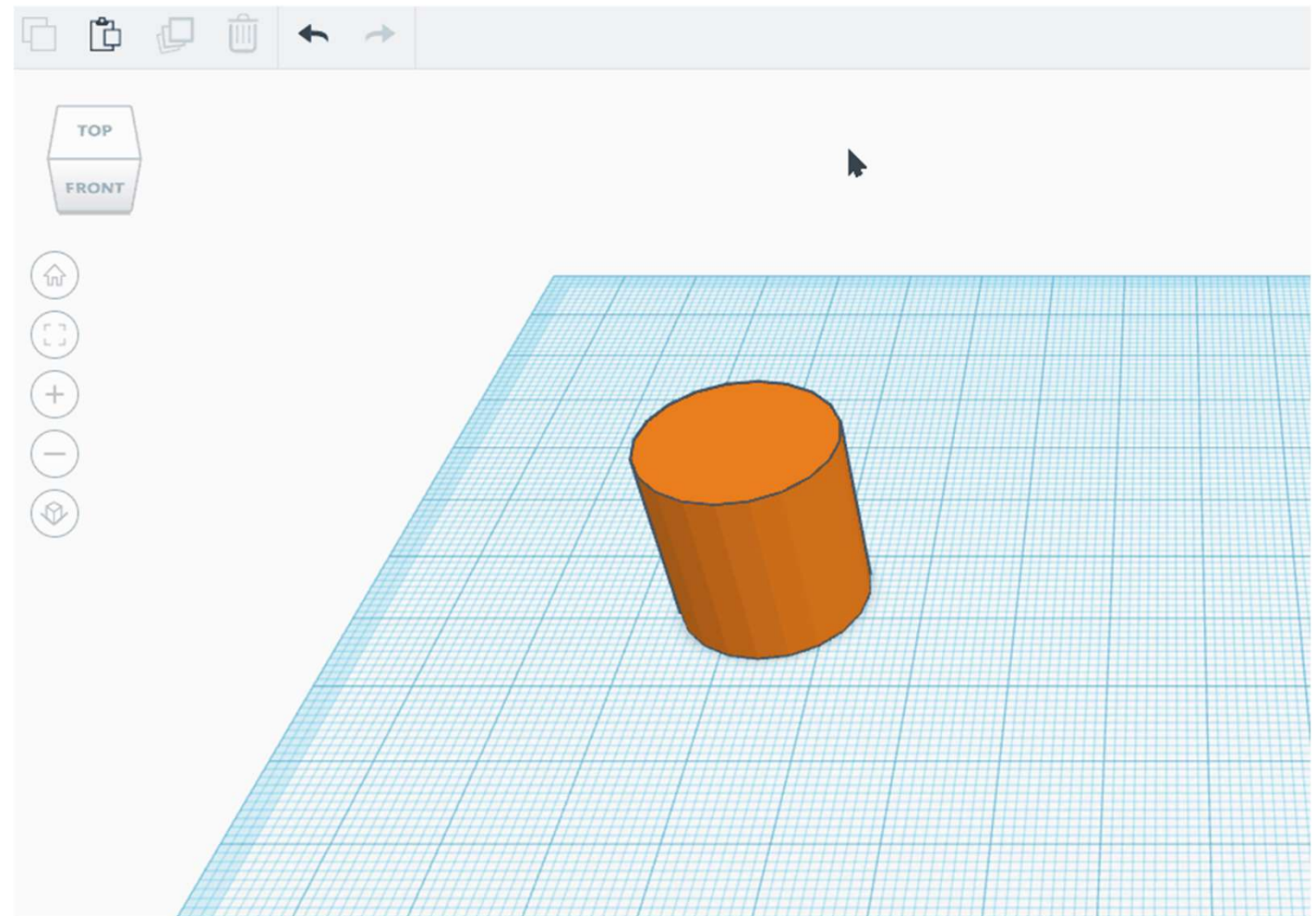


Autodesk TinkerCad

TinkerCad interface

View Cube Mouse

- Rotate (Right Click and hold)
- Pan (Center Click and hold)

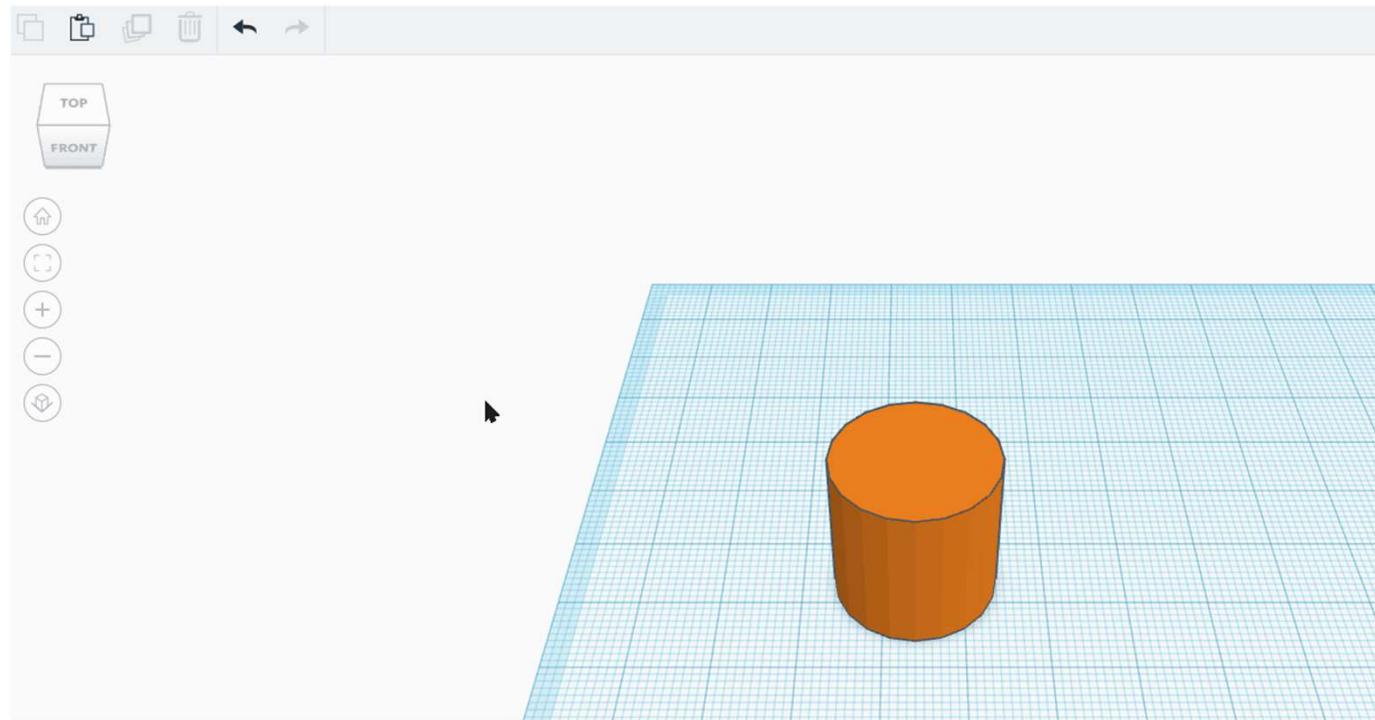




Autodesk TinkerCad

TinkerCad interface

Home view

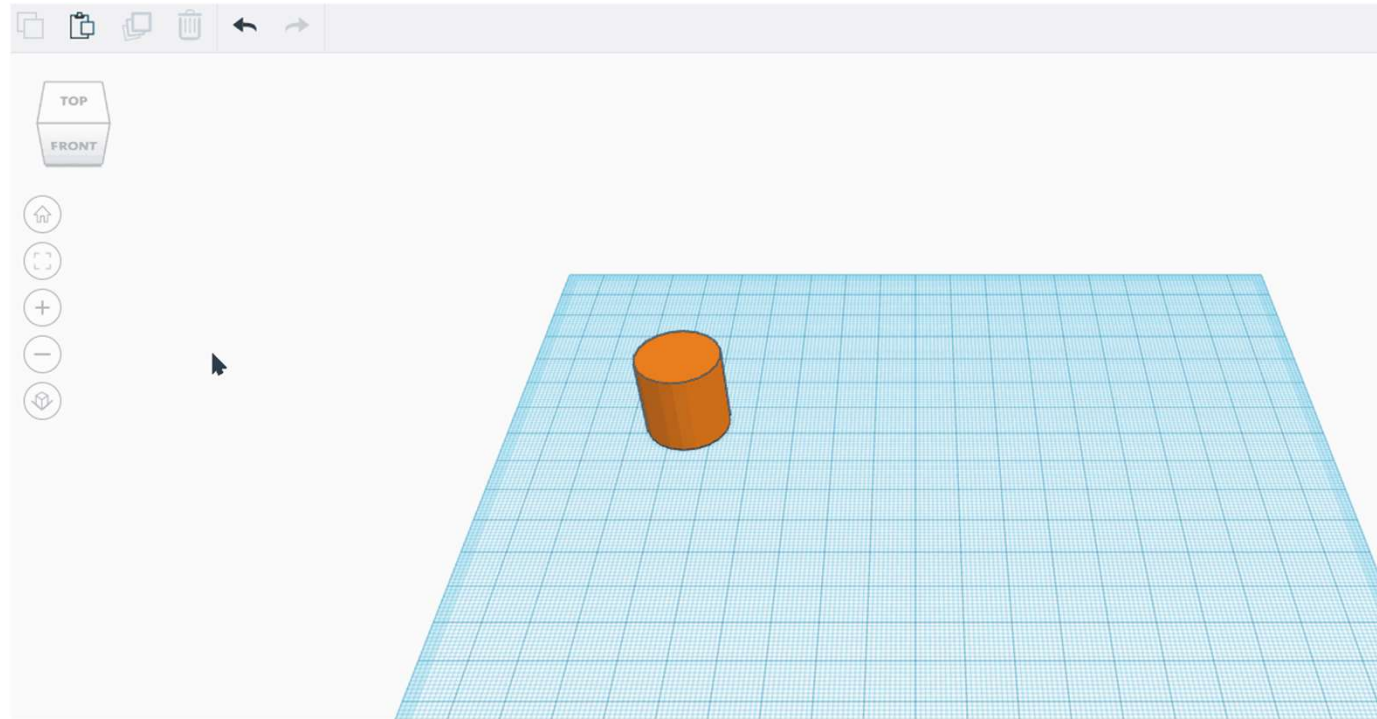
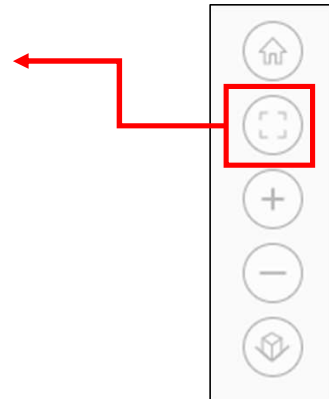




Autodesk TinkerCad

TinkerCad interface

Fit all in view

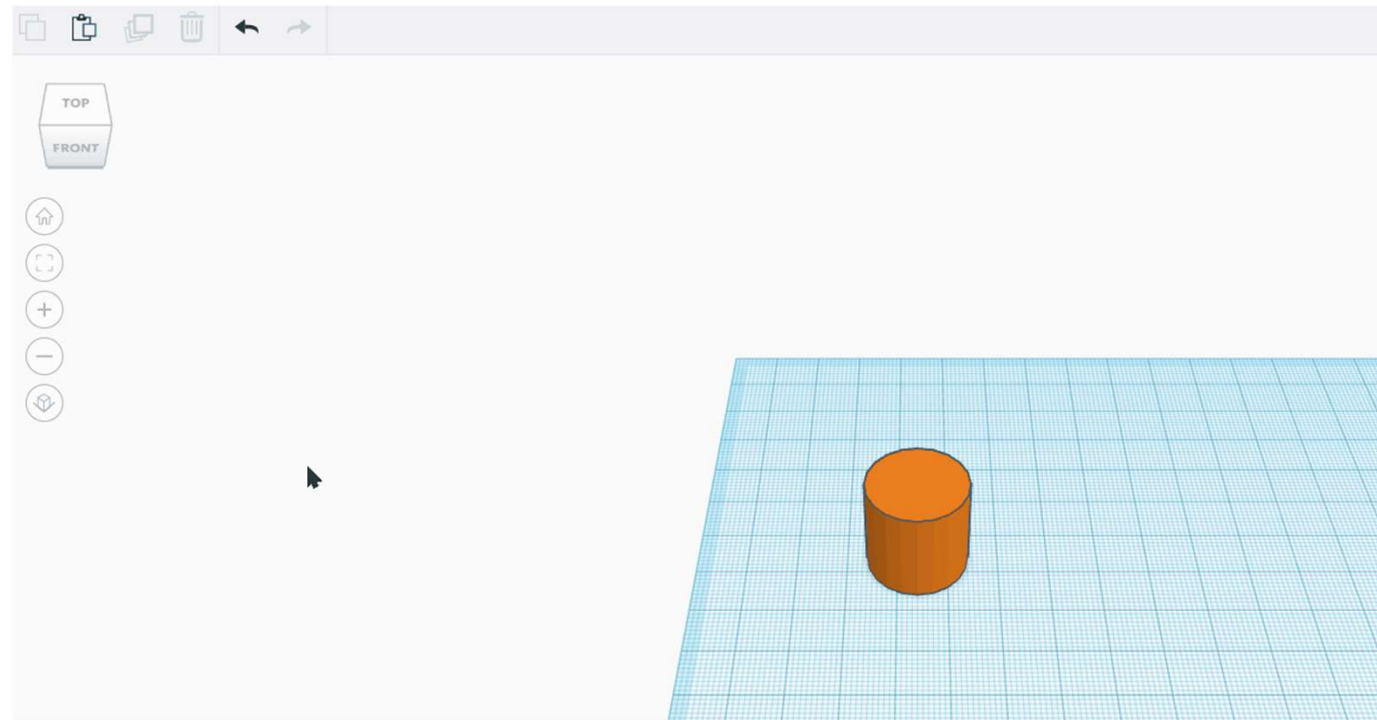
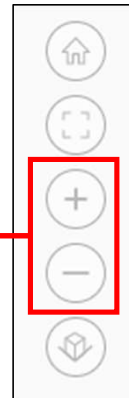




Autodesk TinkerCad

TinkerCad interface

Zoom in & out
(buttons and
scroll)

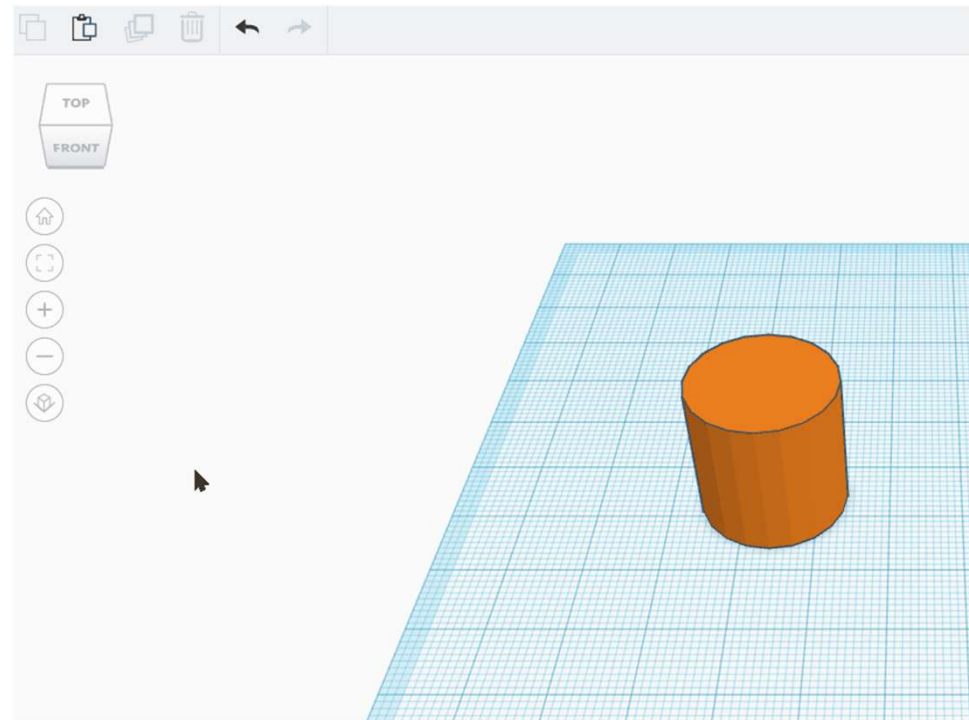




Autodesk TinkerCad

TinkerCad interface

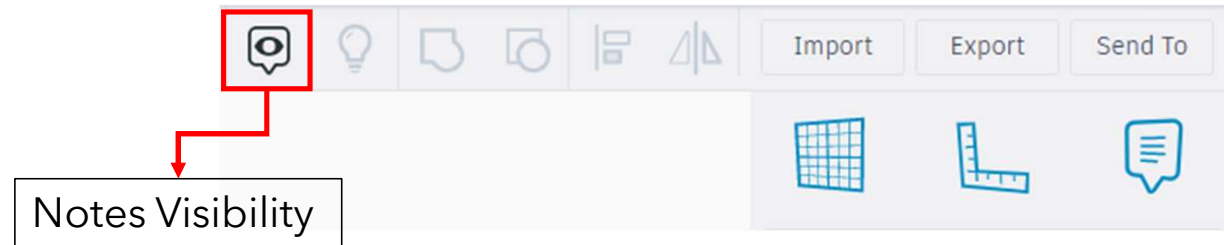
Orthographic
or Perspective
view



Autodesk TinkerCad

TinkerCad interface

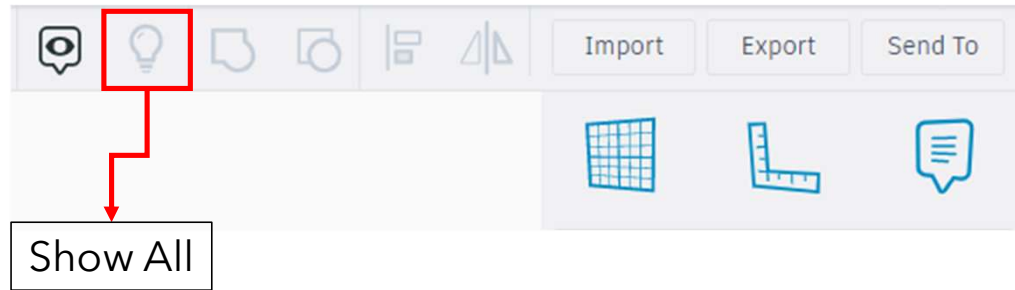
Command Row



Autodesk TinkerCad

TinkerCad interface

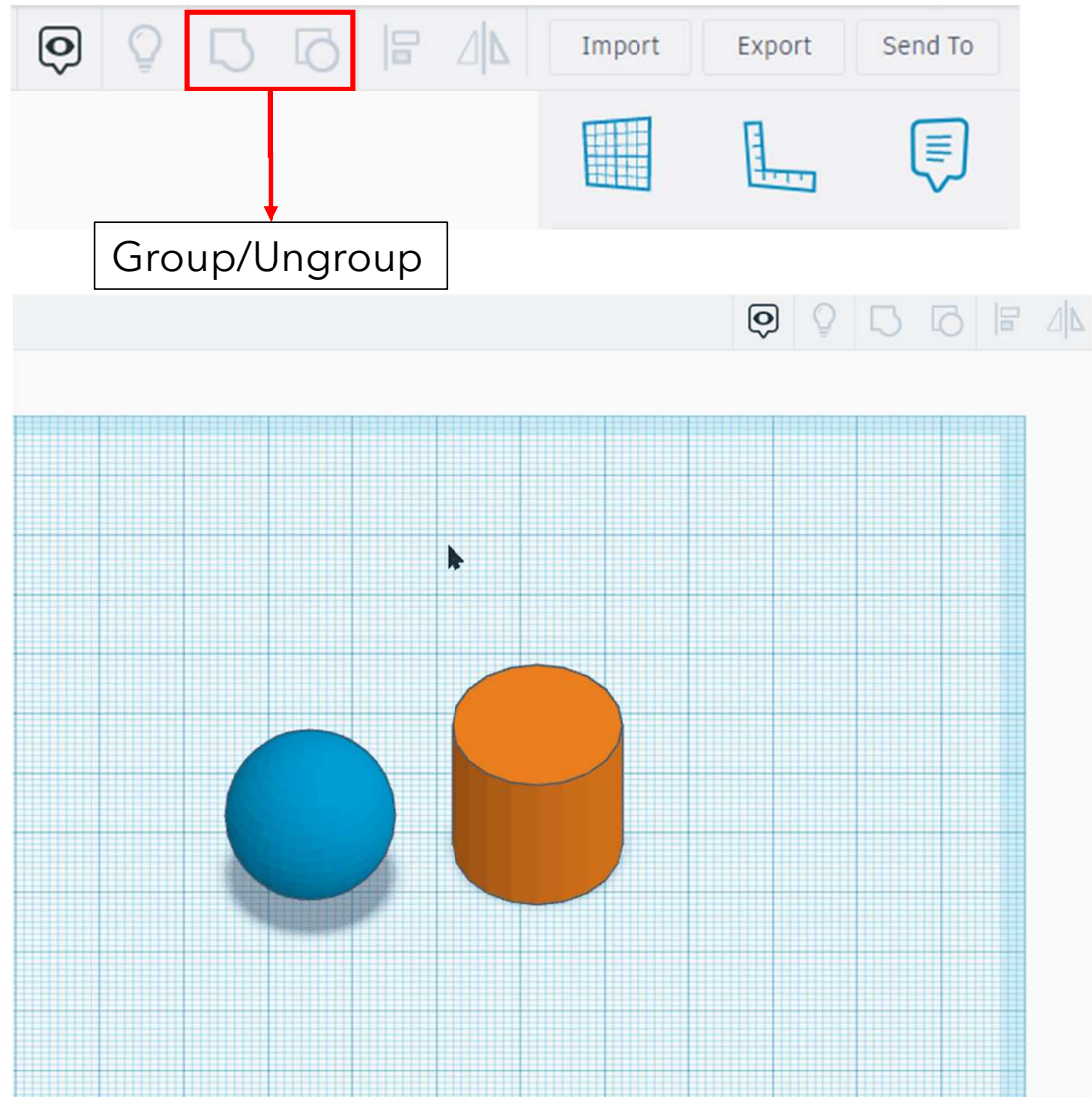
Command Row



Autodesk TinkerCad

TinkerCad interface

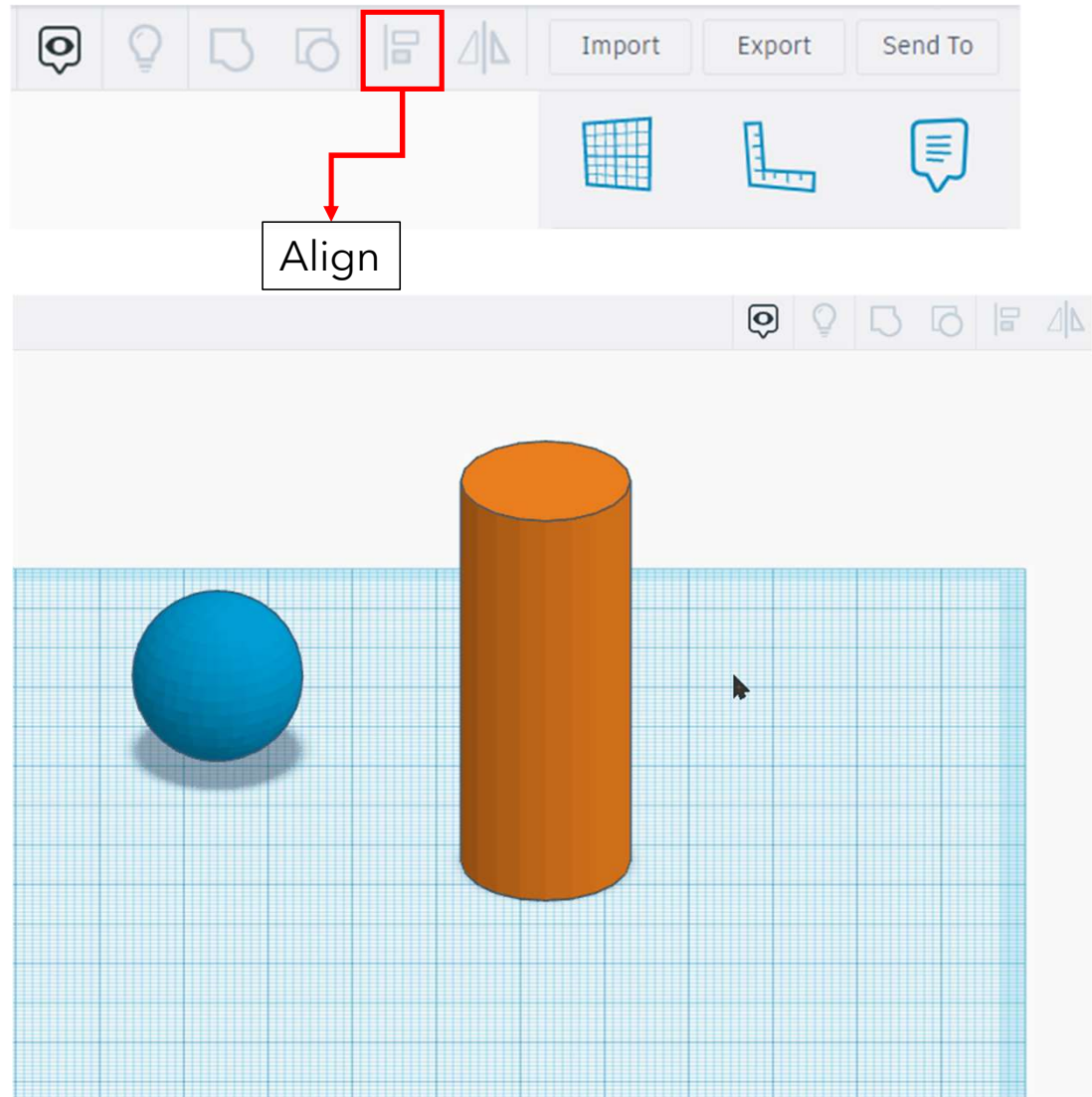
Command Row



Autodesk TinkerCad

TinkerCad interface

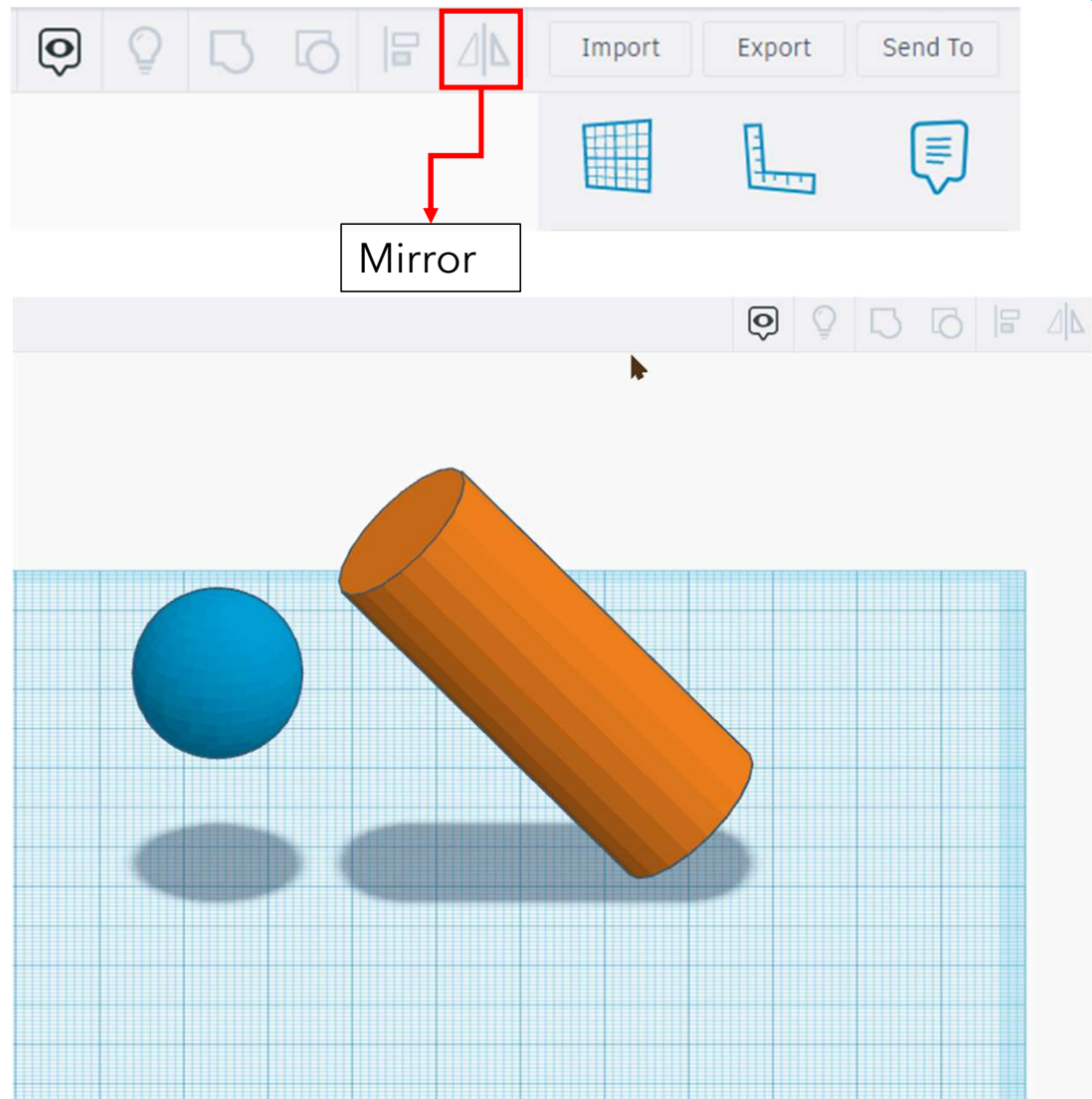
Command Row



Autodesk TinkerCad

TinkerCad interface

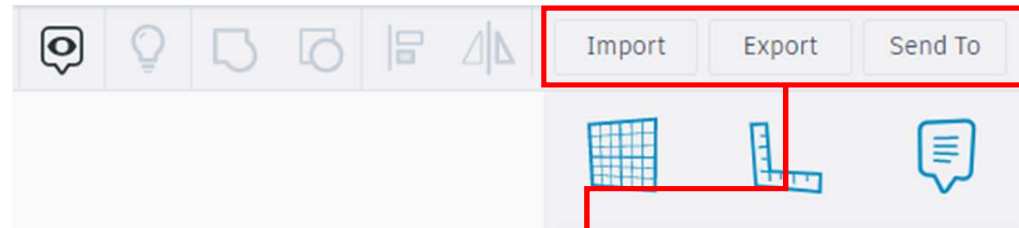
Command Row



Autodesk TinkerCad

TinkerCad interface

Command Row

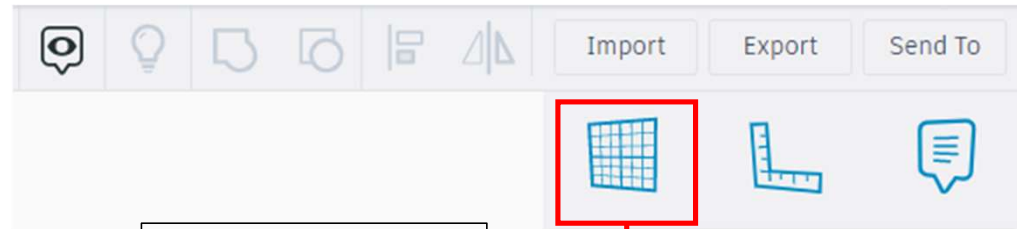


Import/Export/Send To

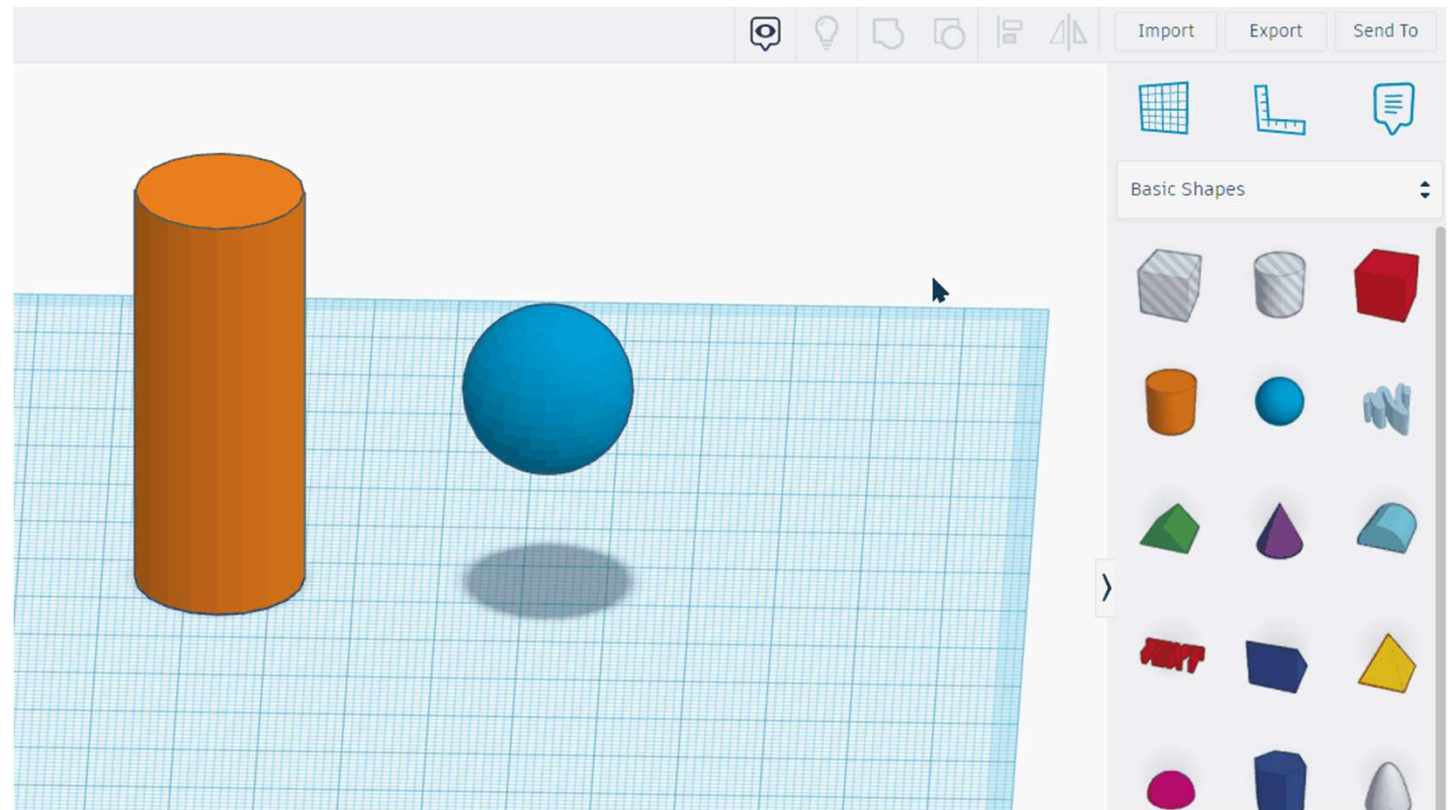
Autodesk TinkerCad

TinkerCad interface

Command Row



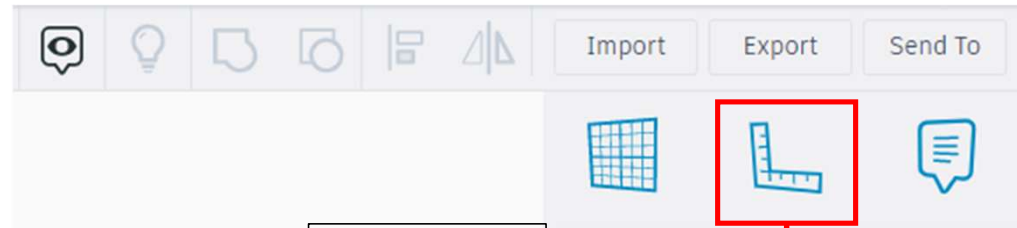
Workplane Tool



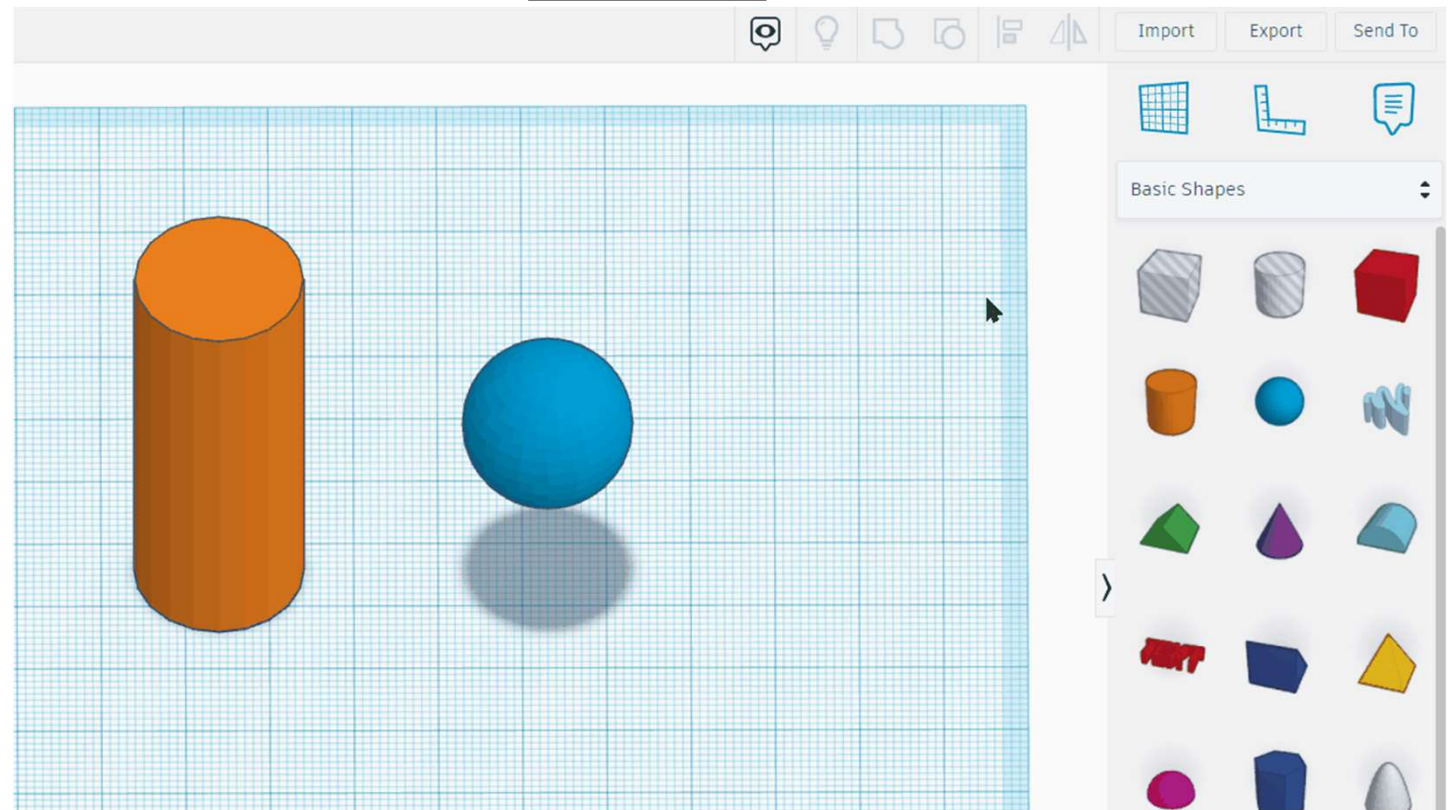
Autodesk TinkerCad

TinkerCad interface

Command Row



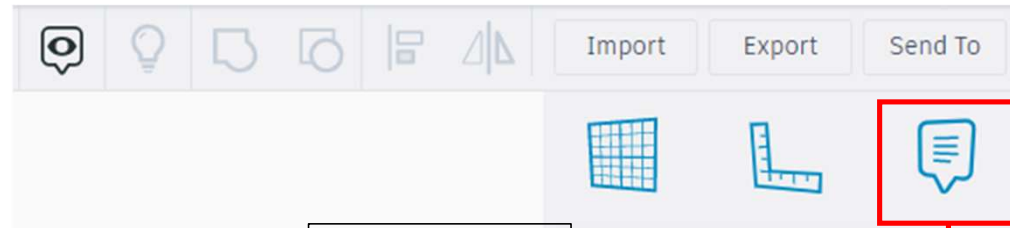
Ruler Tool



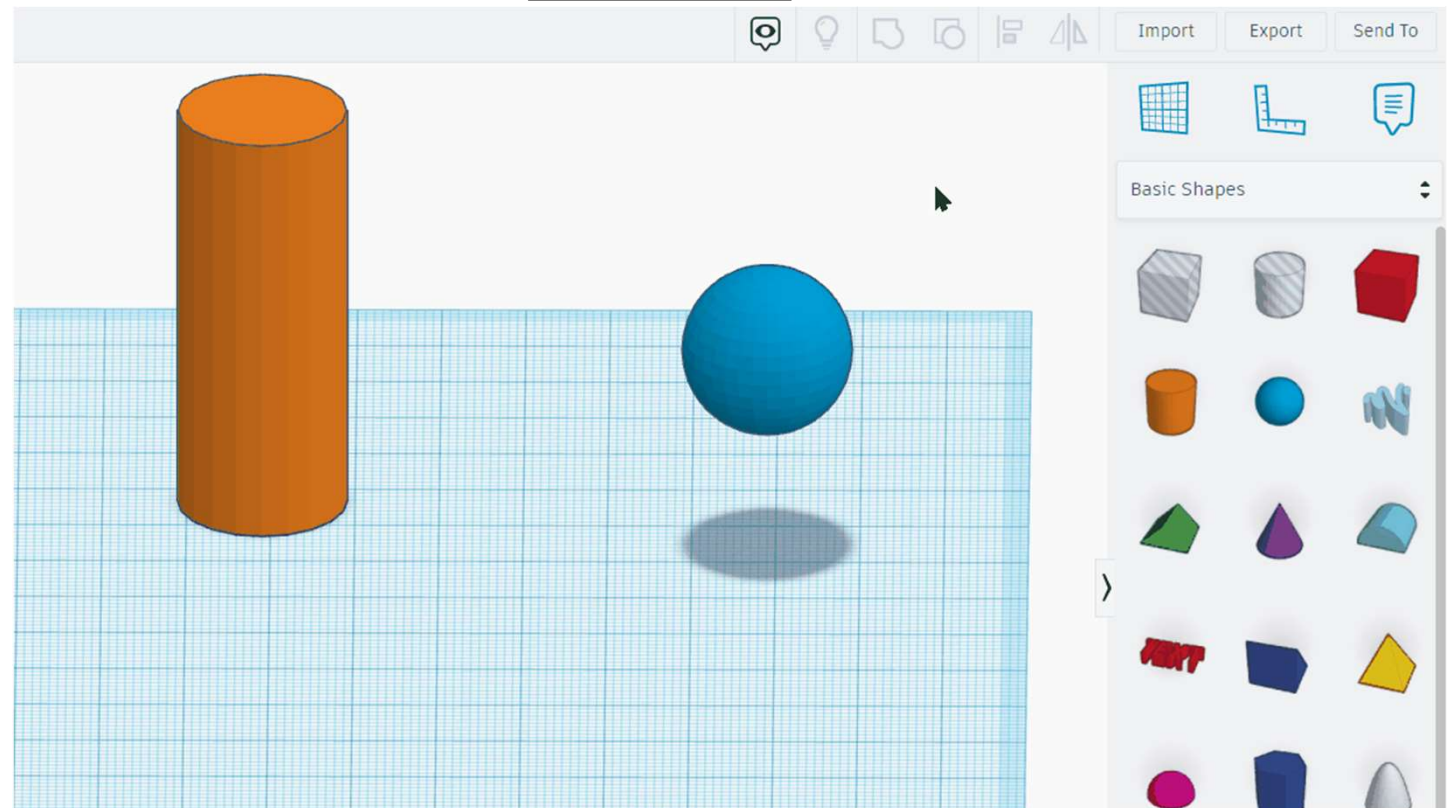
Autodesk TinkerCad

TinkerCad interface

Command Row



Notes Tool

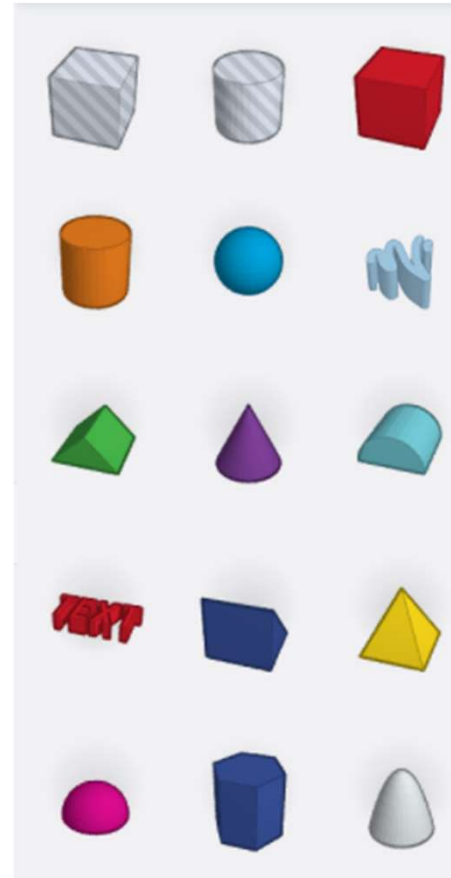




Autodesk TinkerCad

TinkerCad interface

Shapes

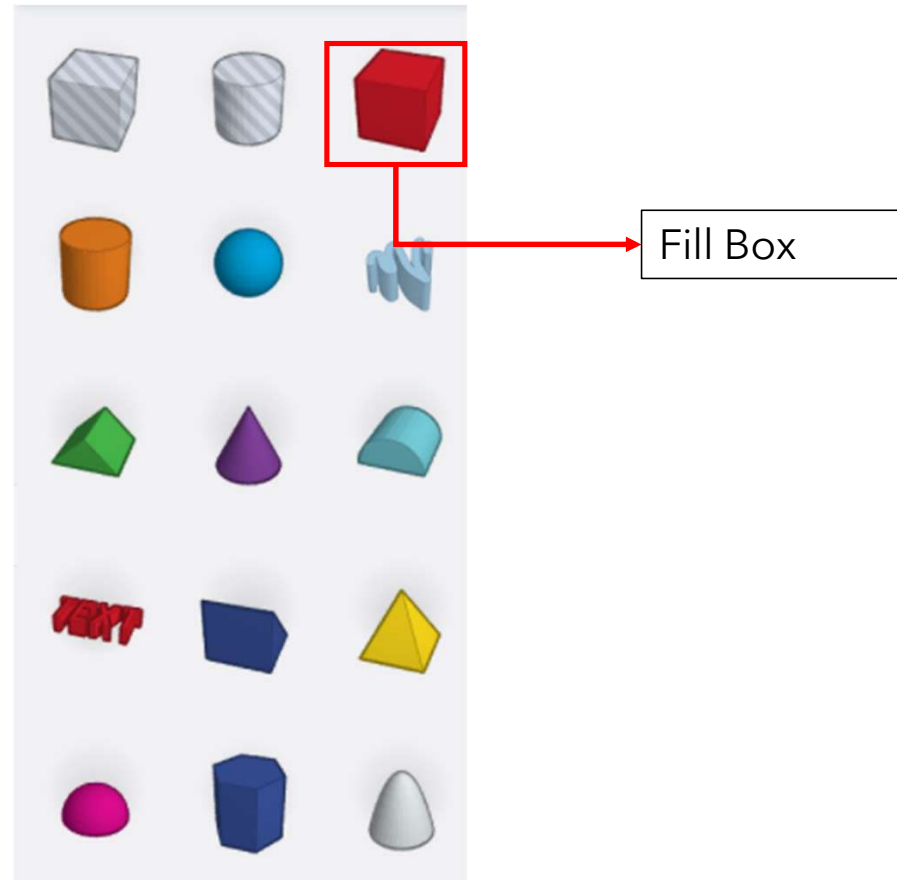




Autodesk TinkerCad

TinkerCad interface

Shapes

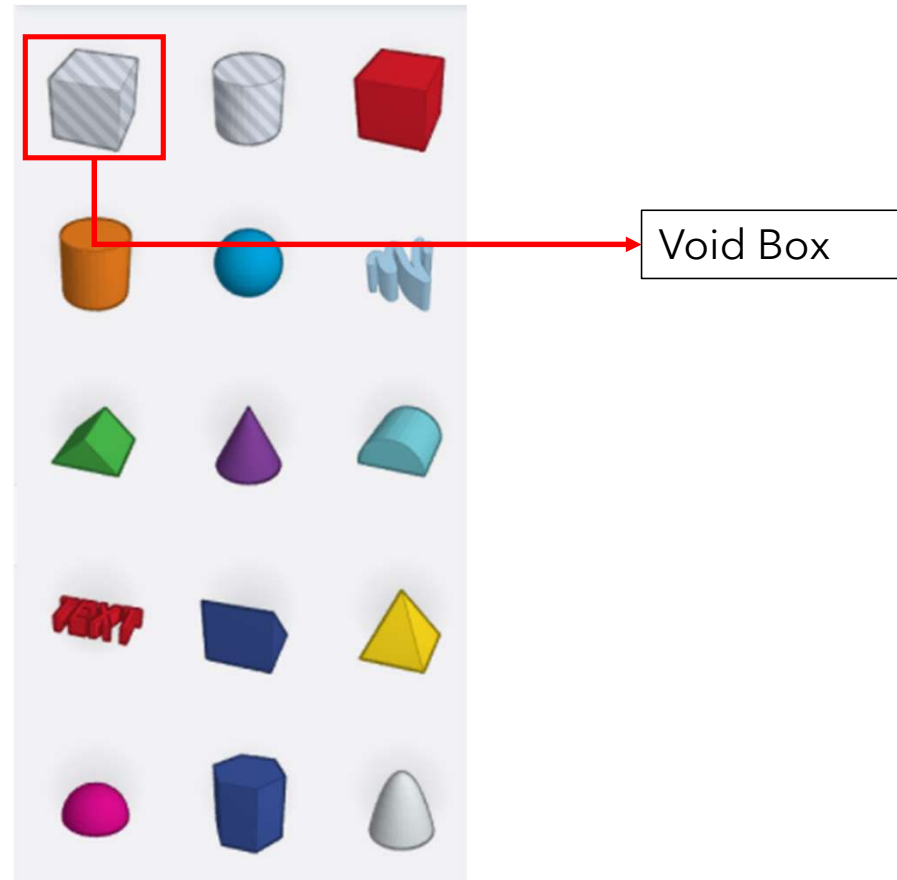




Autodesk TinkerCad

TinkerCad interface

Shapes

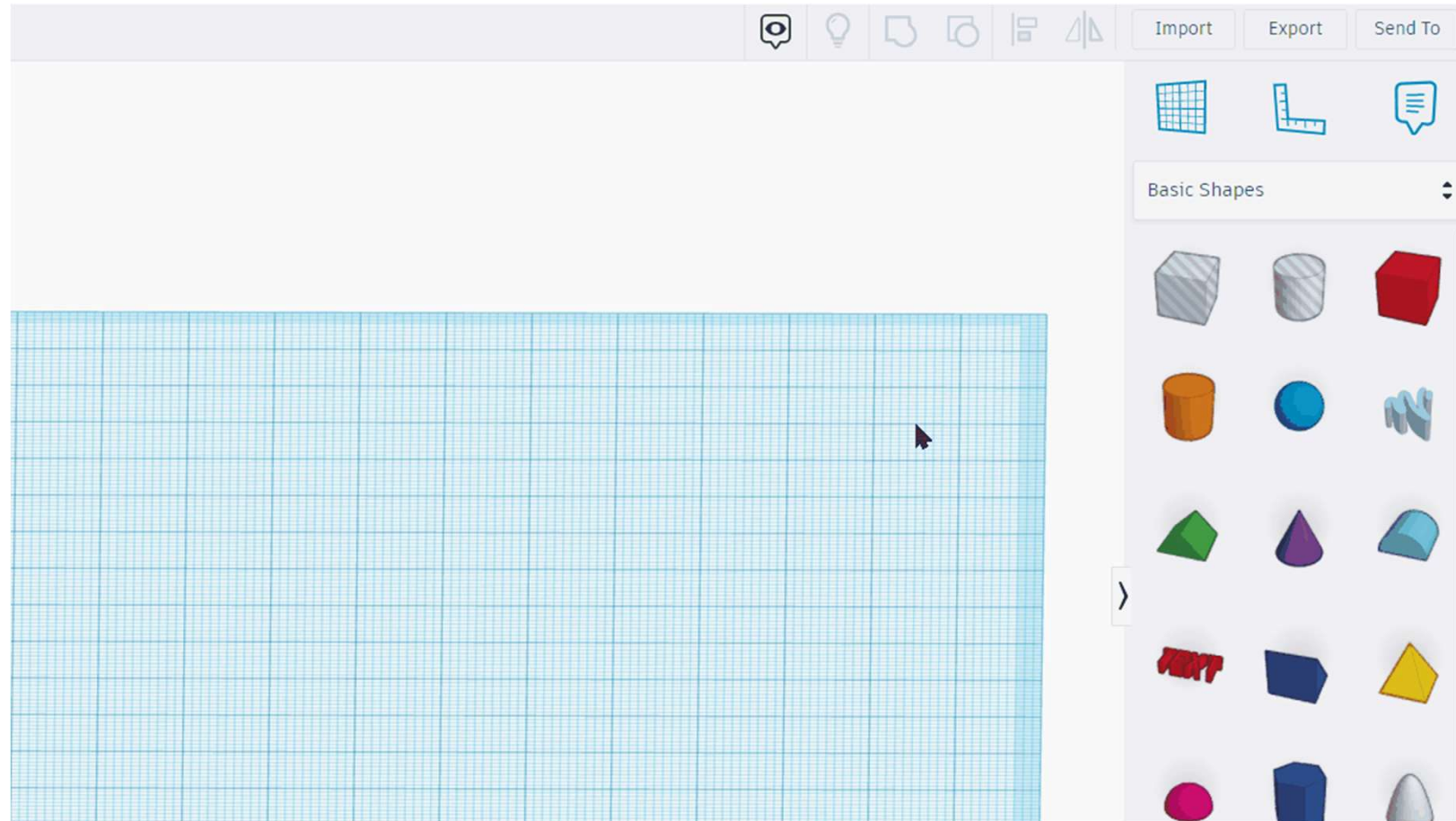




Autodesk TinkerCad

TinkerCad interface

Shapes

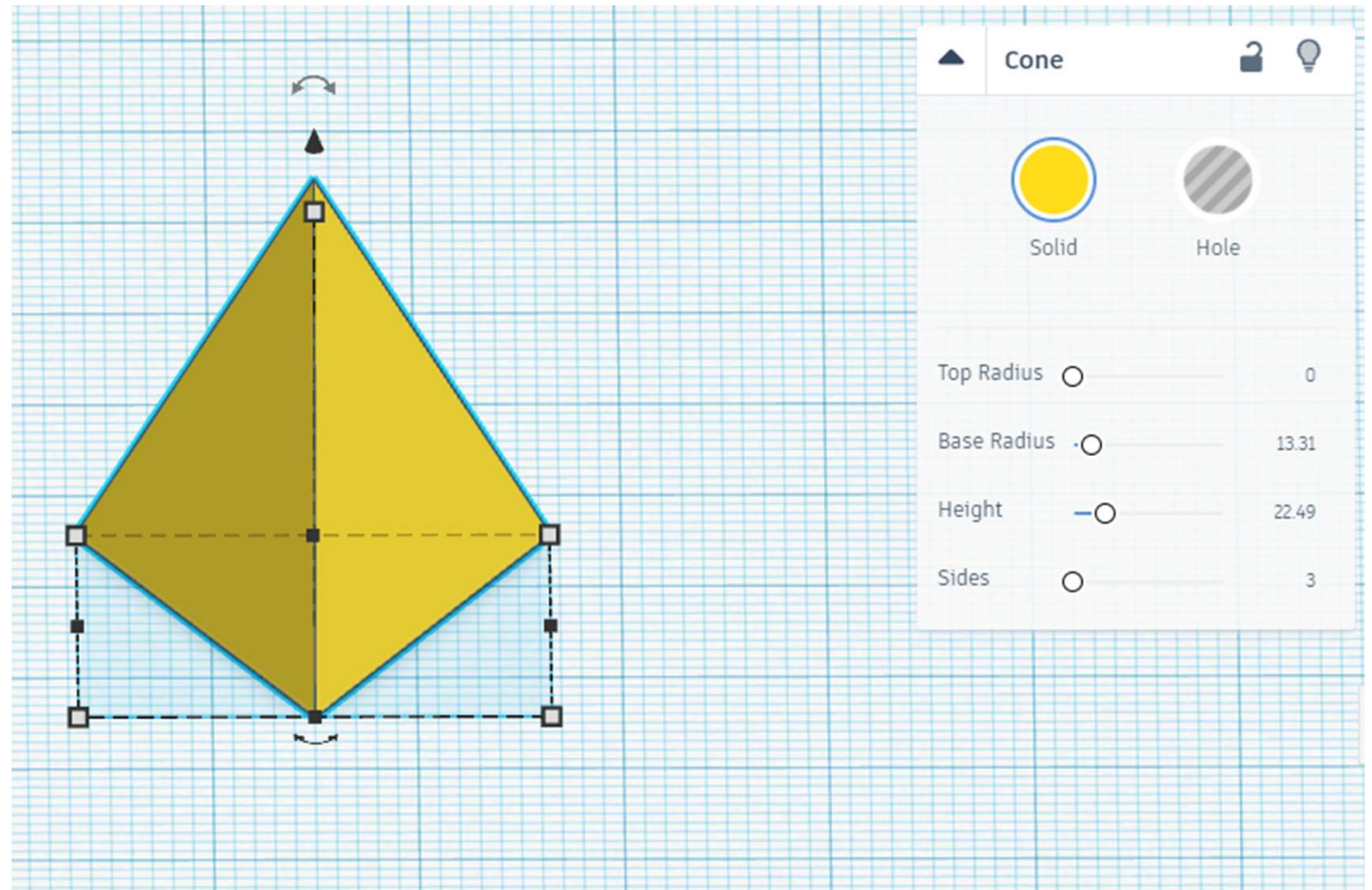




Autodesk TinkerCad

TinkerCad interface

Shapes

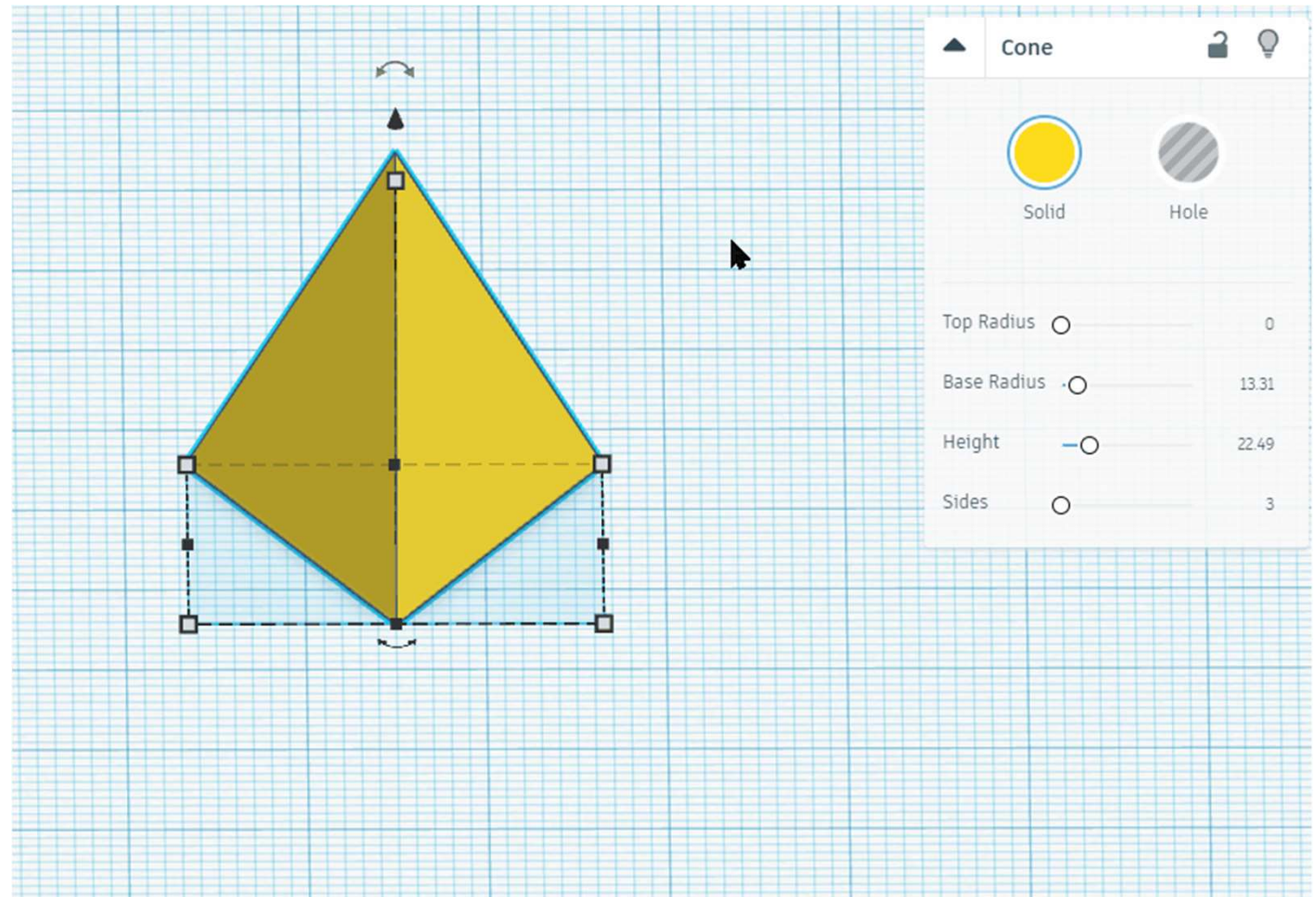




Autodesk TinkerCad

TinkerCad interface

Shapes

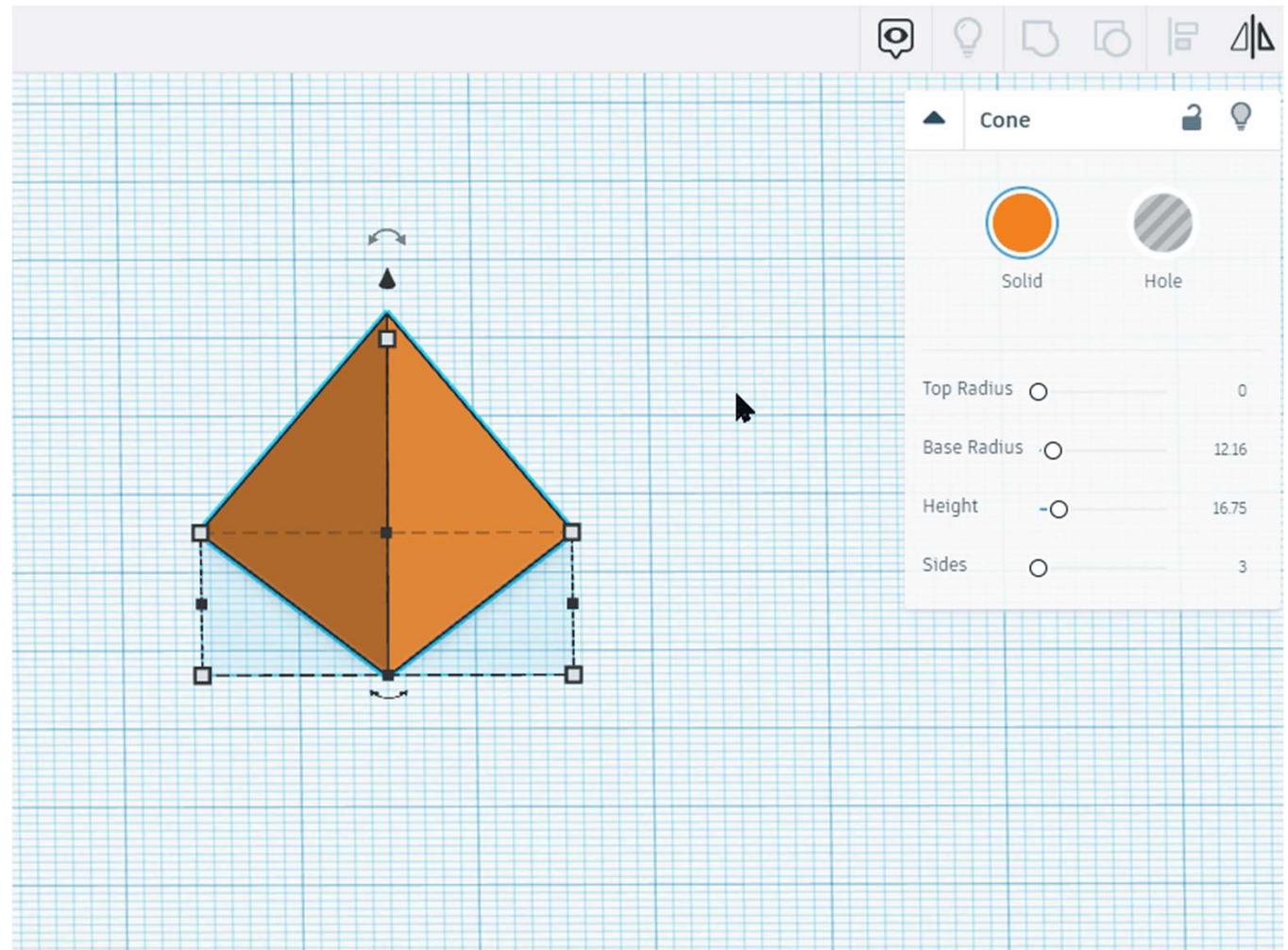




Autodesk TinkerCad

TinkerCad interface

Shapes

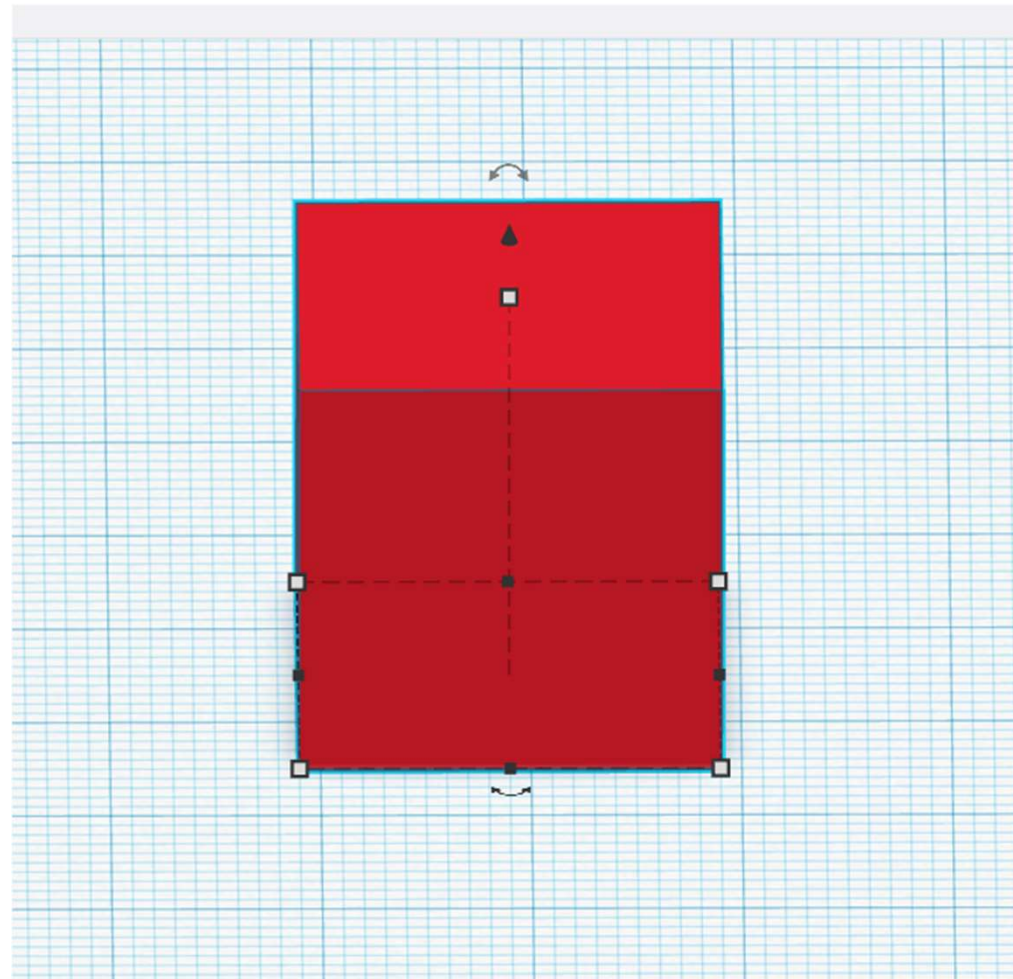




Autodesk TinkerCad

TinkerCad interface

Shapes Manipulation

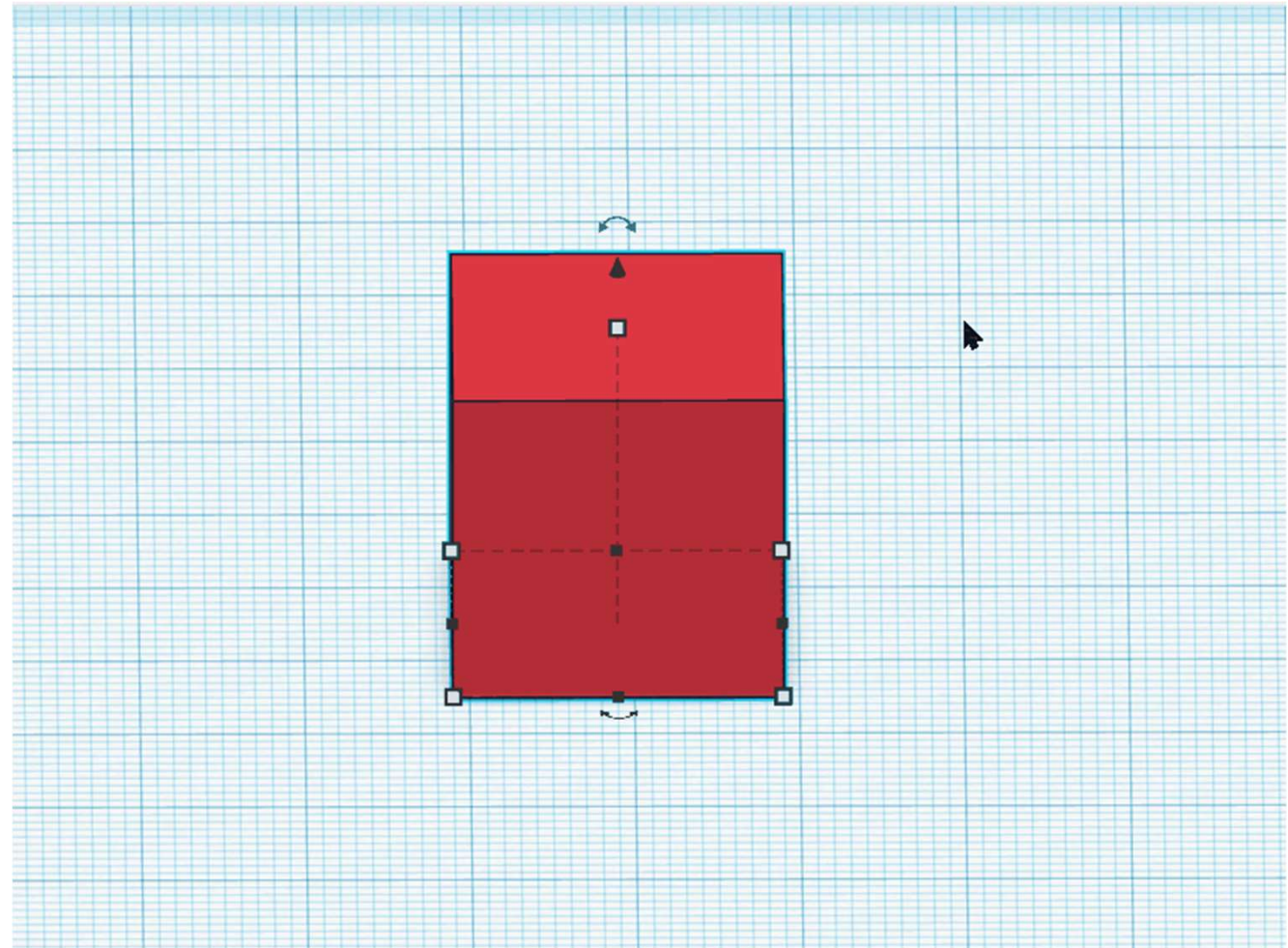




Autodesk TinkerCad

TinkerCad interface

Shapes Manipulation

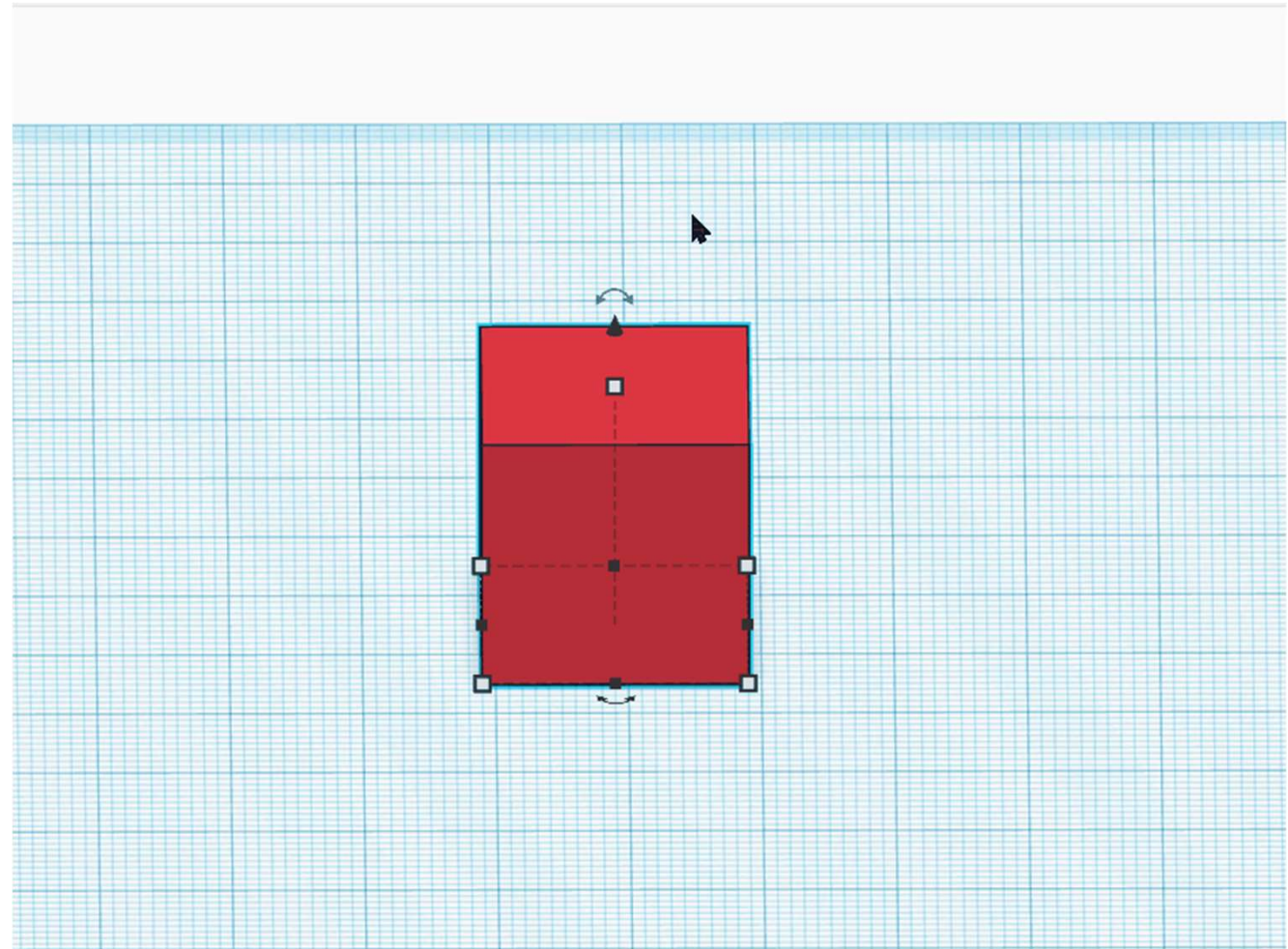




Autodesk TinkerCad

TinkerCad interface

Shapes Rotation

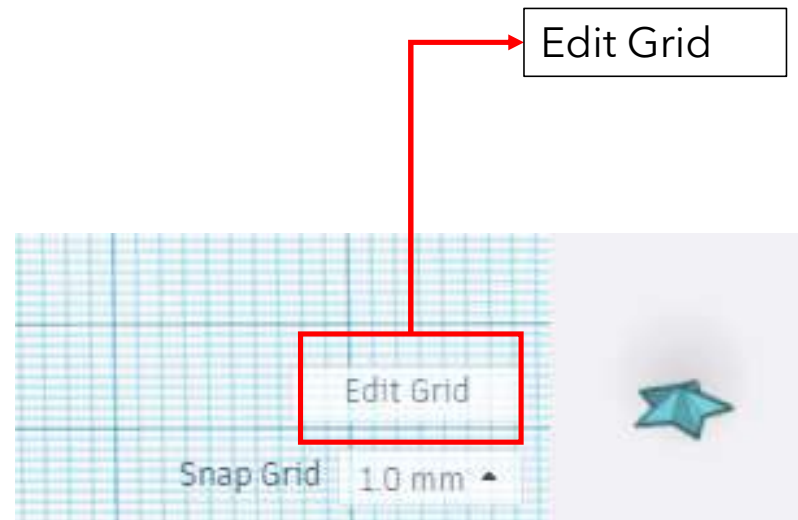




Autodesk TinkerCad

TinkerCad interface

Grid settings

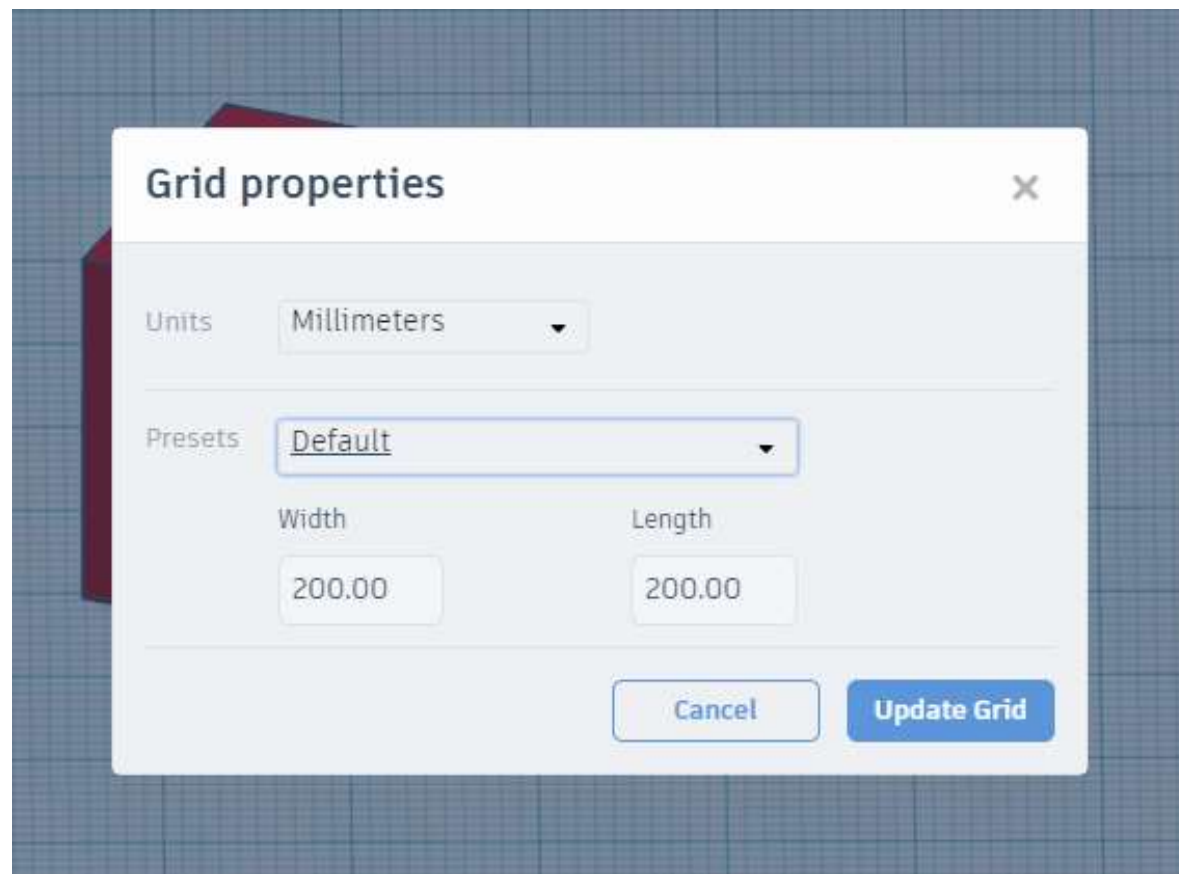




Autodesk TinkerCad

TinkerCad interface

Grid settings

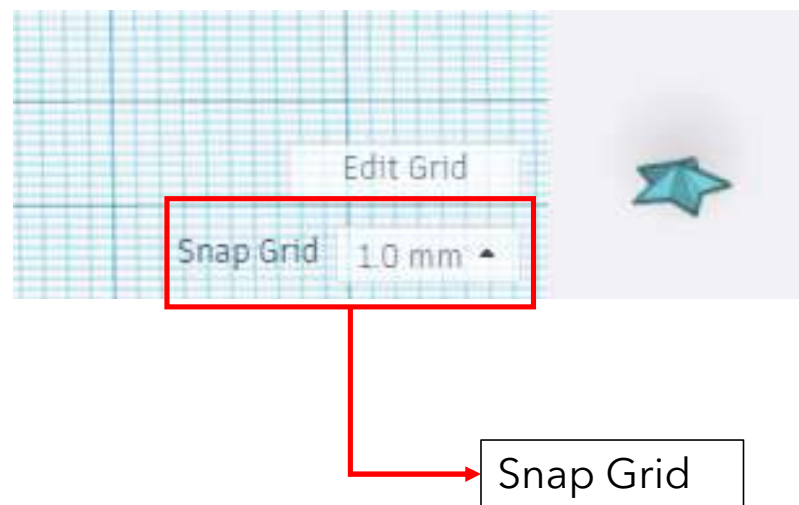




Autodesk TinkerCad

TinkerCad interface

Grid settings

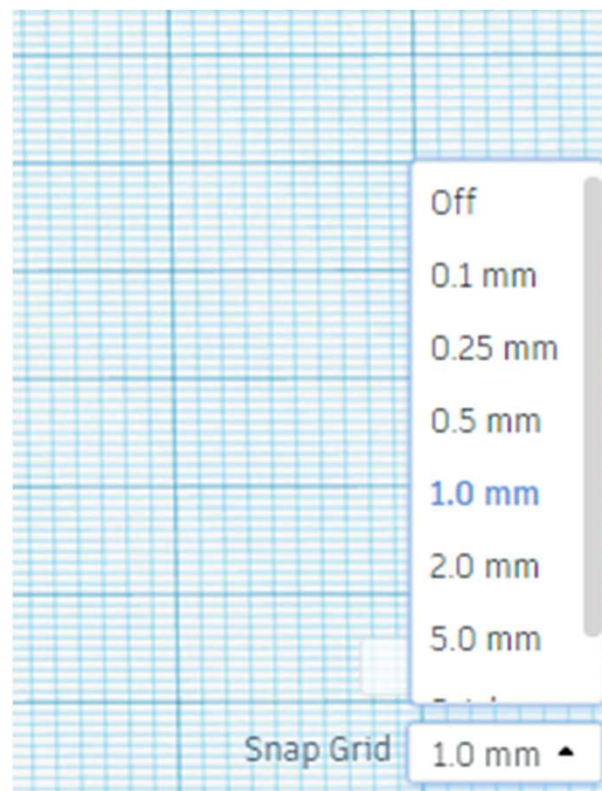




Autodesk TinkerCad

TinkerCad interface

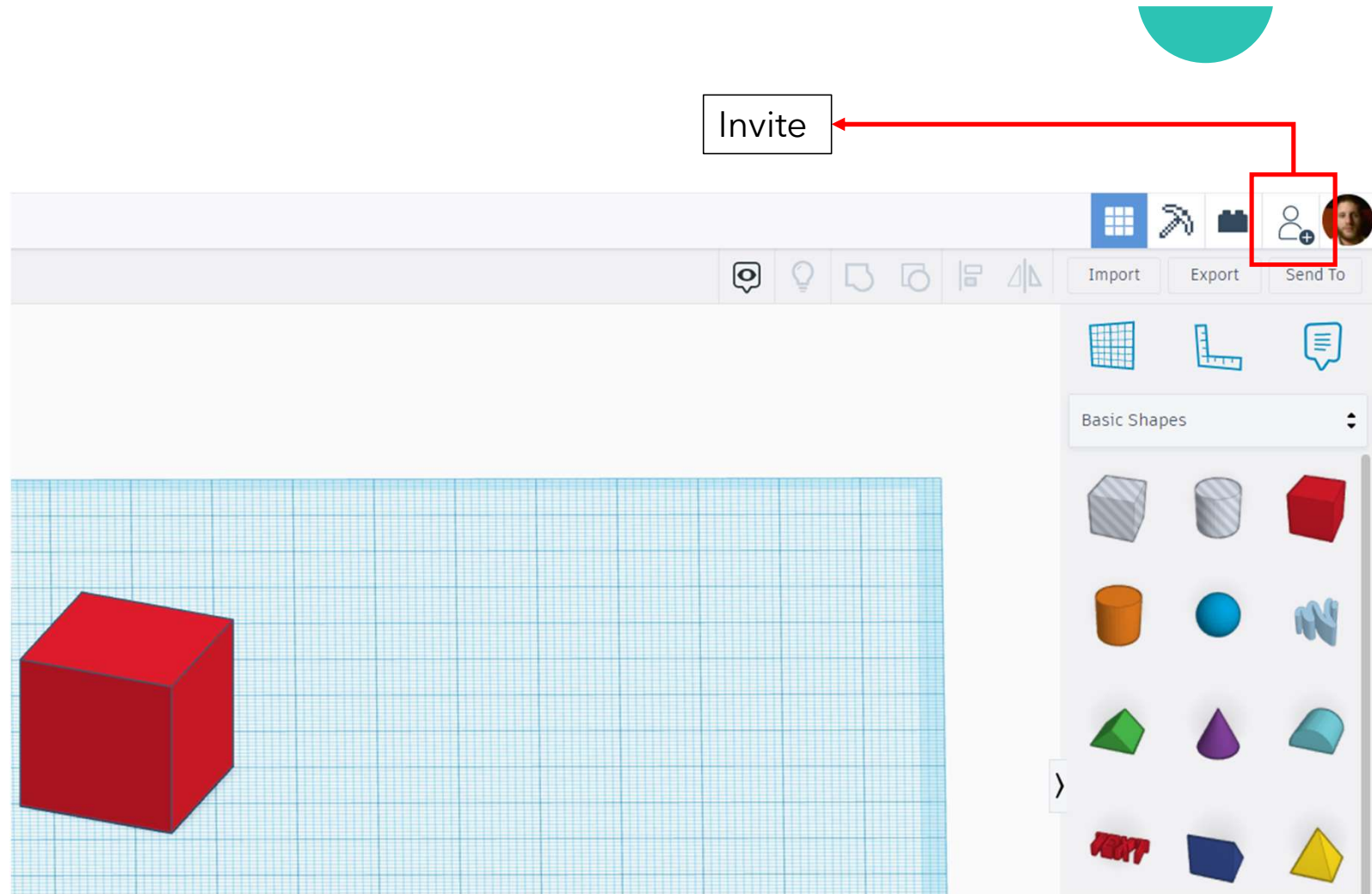
Grid settings



Autodesk TinkerCad

TinkerCad interface

3D Cooperative

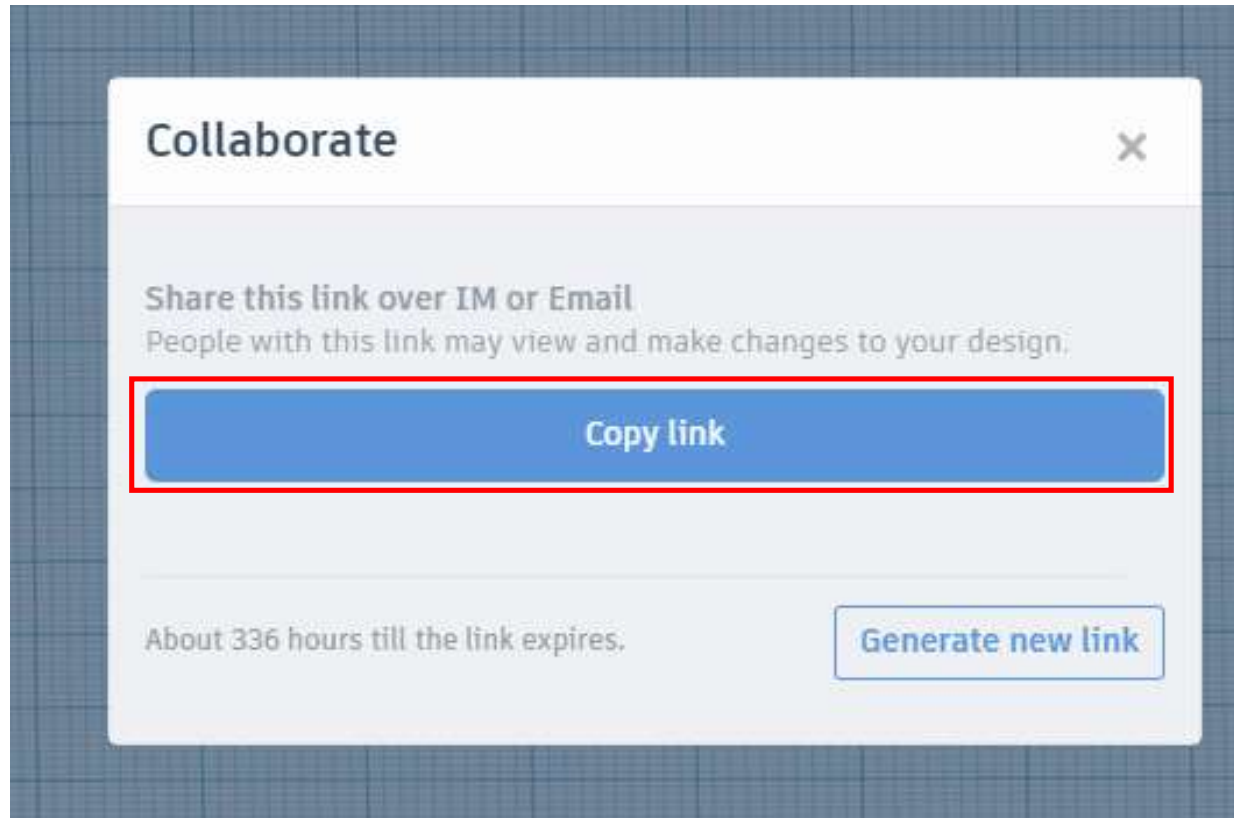




Autodesk TinkerCad

TinkerCad interface

3D Cooperative





Practice!

To use TinkerCad you have to free register at **tinkercad.com**

Once you've done, you'll be redirect on your dashboard.

Click on "Create New Design" and....have Fun!



Thank you
very much for
your attention

Elia Schoen

29/09/2021

3D Drawing

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