

Create an Emoji

How to make an emoji using AutoCAD

Suitable for Grades 6-7





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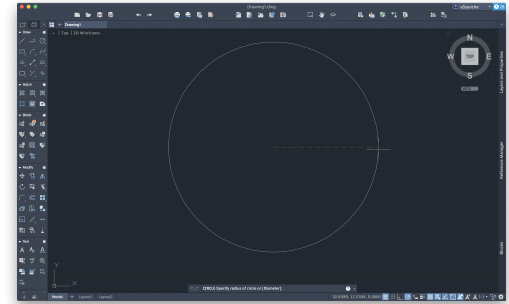
Picking your Emoji

- You can choose to make your emoji or try to recreate an existing emoji.
- Plan out your design:
 - Look at existing emojis for inspiration
- Make a quick sketch:
 - On a piece of paper
- This Tutorial will be attempting to recreate this emoji: 🤨



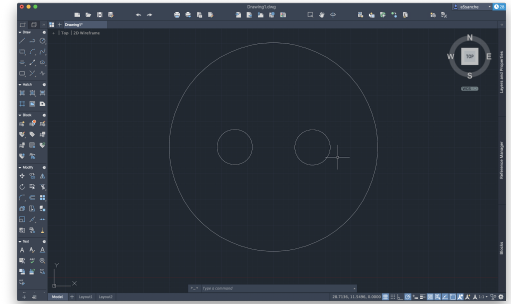
Creating the Face

- Commands Used: CIRCLE
- Explanation:
 - To create the face outline, use the CIRCLE command to create a circle which will be the face of your emoji.



Creating the Eyes

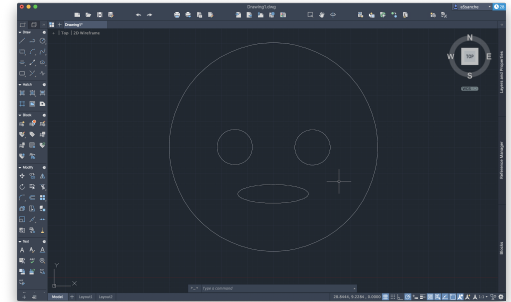
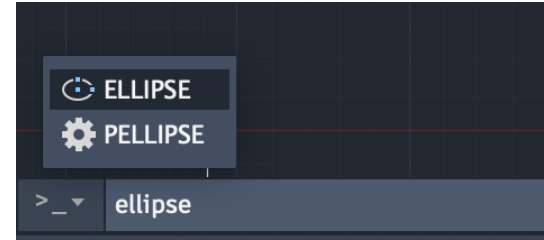
- Commands Used: CIRCLE, MOVE
- Explanation:
 - To create the eyes, use the CIRCLE command to create two circles inside the face.
- Shortcuts:
 - After making the first eye, copy and paste it to make sure the eyes are the same size. Next, use the MOVE command to move it where you want.



Creating the Mouth

Part 1

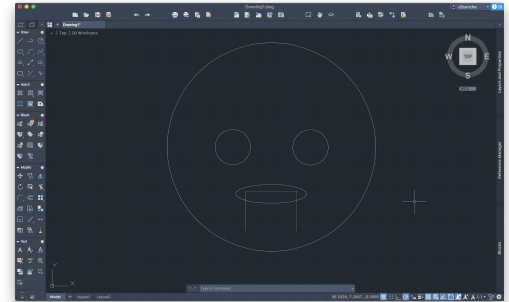
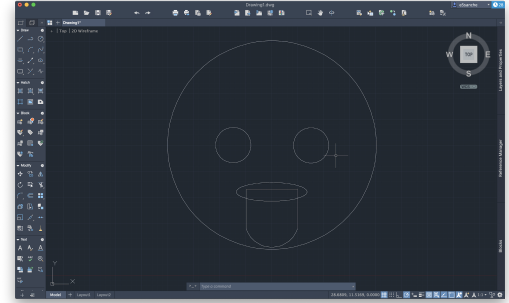
- Commands Used: ELLIPSE
- Explanation:
 - Use the ELLIPSE function to make an outline for the mouth
- Note:
 - There are a number of ways to make a mouth on an emoji, so you are encouraged to make a unique design.



Creating the Mouth

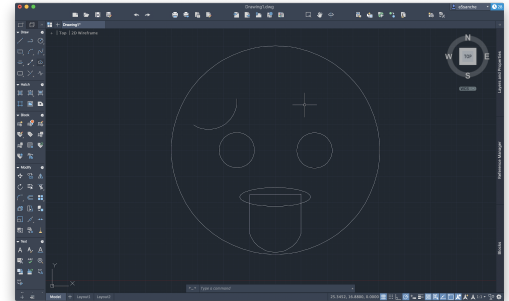
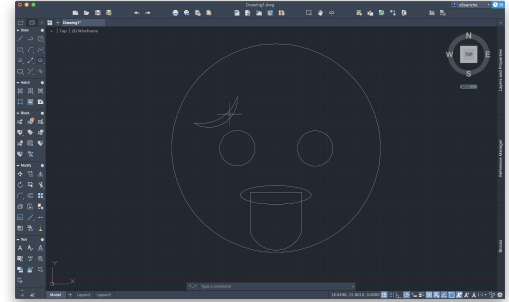
Part 2: The Tongue

- Commands Used: LINE, ARC, MERGE
- Explanation:
 - Use LINE to make 3 sides of rectangle.
 - Next, use ARC to create the round part of the tongue.
 - Finally, use union to merge the shapes.

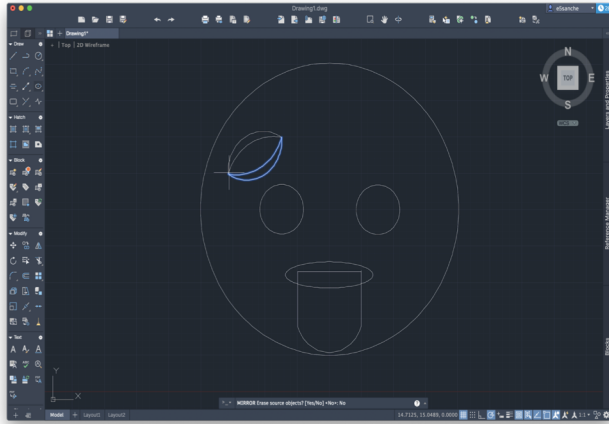


Creating the Eyebrows

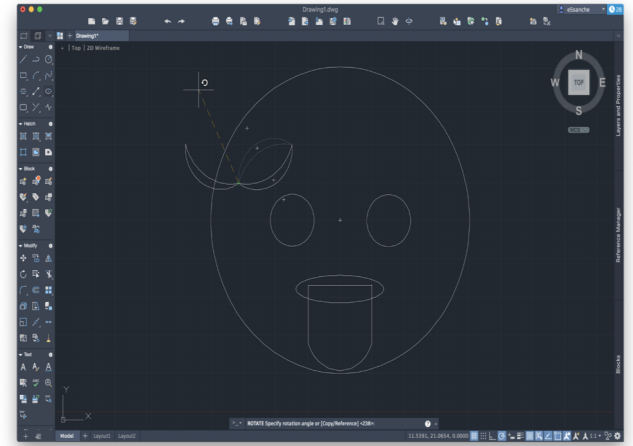
- Commands Used: ARC
- Explanation:
 - Use the ARC command twice to create the outline for the eyebrows
- Shortcuts:
 - To make sure the eyebrows are the same, use the FLIP, ROTATE and MOVE commands. (NEXT SLIDE)



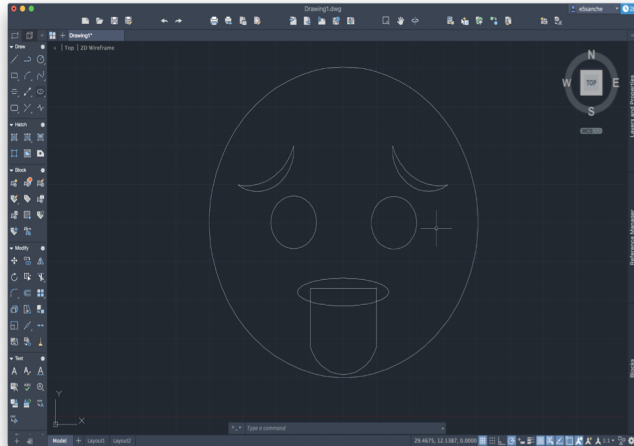
1.FLIP



2.ROTATE

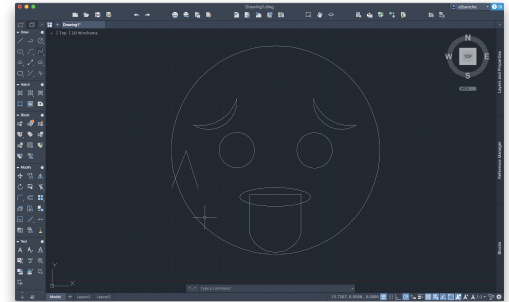
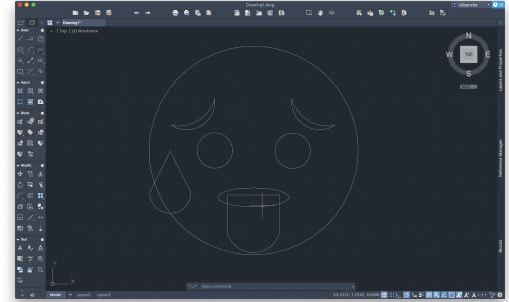


3. MOVE



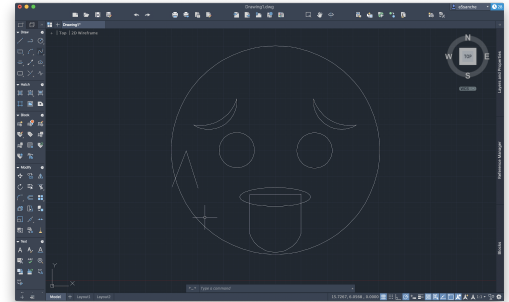
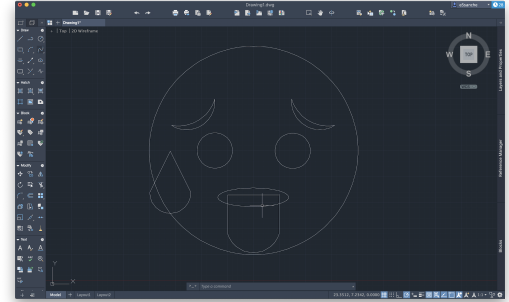
Additional Elements: Teardrop

- Commands Used: LINE, ARC
- Explanation:
 - Use LINE command twice to create the top of the tear drop
 - Use ARC to create rounded bottom of drop



Tips to Make your Own Details

- Break down your shape into a combination of more simple shapes like lines, arcs or circles.



Adding Colour

Commands Used: SOLIDFILL

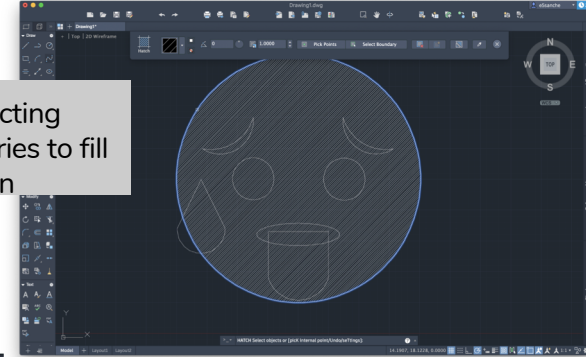
Explanation:

1. Select the boundaries of what you want to fill in
2. Pick fill style (Gradient Recommended)
3. Pick colours and gradient style

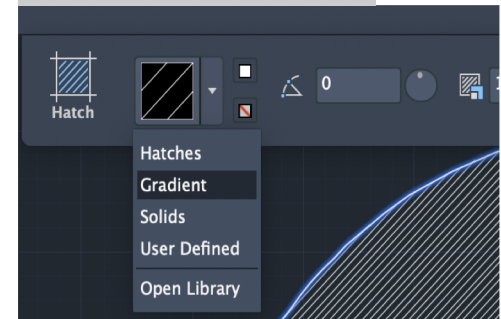
Pick Gradient Style



Selecting Boundaries to fill in



Pick Style and Colours



Adding Colour

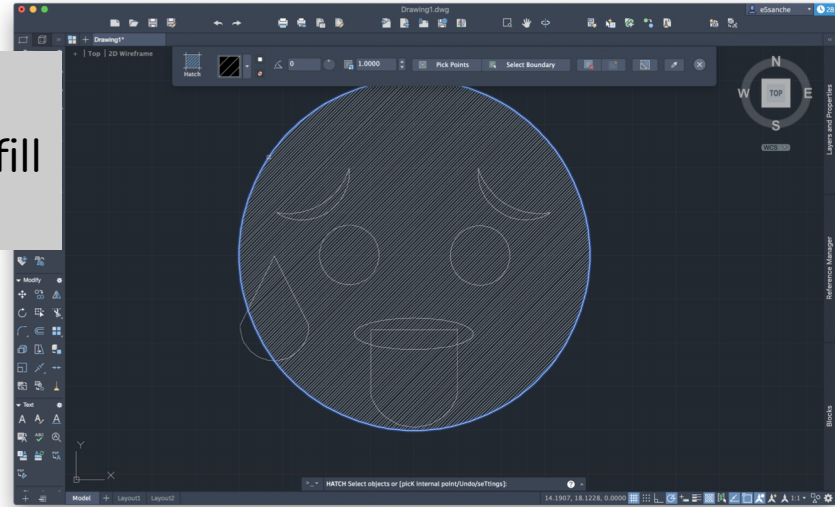
Selecting
Boundaries to fill
in

Commands Used: SOLIDFILL

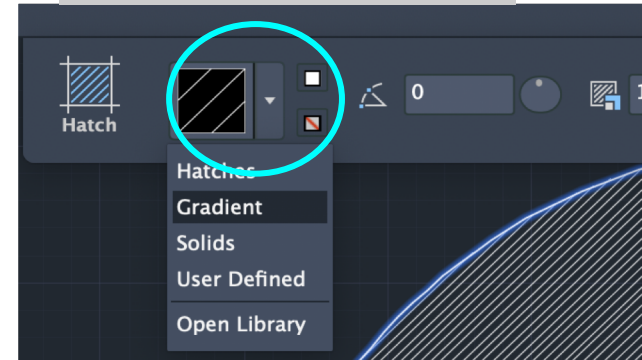
Explanation:

1. Select the boundaries of what you want to fill in
1. Pick fill style (Gradient Recommended)
1. Pick colours and gradient style

Pick Gradient
Style



Pick Style and
Colours



Final Product

