

### Practical-1: Introduction of Figma and basic tools.

**Definition:** Create the design using the Figma Design Tools, Position, Size, Rotation, & Corner Radius properties.

### Solution:



### Working:

- First, open Figma. Add a new Figma design file.
- Rename a file as 133\_Practical-1\_GeometricShapes.
- In this design, the following tools are used for a particular operation:
- Export your design as a PNG file.

Tools Name	Use	Properties
Frame Tool (F)	The frame is used as a container for this geometric	Width: 768px, Height: 843px Color fill: #FFFFFF Corner Radius: 0px Blend mode: Pass Through

	shapes design.	
Rectangle Tool (R)	Used to create square or rectangular blocks for dividing the whole screen into a grid. These blocks help in placing other shapes.	Size: Around 192px × 192px (adjust as needed to fit evenly in the frame) Fill colors used: #F6471D, #F8C400, #318C8E, #FAE9A6, #2D1A1A No stroke Rename layers as "Tile_1", "Tile_2", etc.
Ellipse Tool (O)	Used to draw circles or half circles for decorative shapes overlapping the tiles.	Hold Shift to draw perfect circles. Diameter about 192px To make a half-circle: draw a circle and subtract half using a rectangle and Boolean Subtract. Use colors from the above palette. Rename layers like "HalfCircle_Left_Yellow."
Polygon Tool (Y)	Used for making triangles that create arrow or chevron patterns in the design.	Sides: 3 Rotate angles: 0°, 180°, etc. Size around half of a tile (about 96px wide) Fill colors: #FAE9A6, #2D1A1A, etc. Rename layers like "Triangle_Up_Cream."
Boolean Operations	Used to cut or combine shapes, for example to make half circles.	Operations used: Union, Subtract, Intersect, Exclude Example: subtract half of a circle to make a half-circle shape.
Align & Distribute Tools	Used to arrange shapes properly inside the grid and keep equal spacing.	Use Align horizontally and vertically, or distribute spacing between shapes. Shortcuts: Shift + A for auto layout, Shift + H or Shift + V for alignment.
Rotation Tool	Used to rotate triangles or other shapes so they face the right way.	Rotate to angles like 0°, 90°, 180°, etc. as needed for repeating patterns.
Layer Rename	Helps keep the Figma file neat by naming layers based on what they are.	Examples: "Tile_Orange", "HalfCircle_Right_Teal", "Triangle_Down_White", etc.
Export Tool	Used to save the finished design as an image for submission.	Go to File → Export → JPG or PNG Choose your preferred resolution and quality.