

Practical-4: Boolean operations and Image Masking properties.

Definition: Create the pattern design using Boolean operations in Figma and use images and masking in Figma.

Solution:



Union



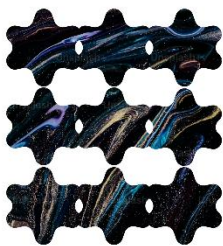
Subtract



Intersect



Exclude



Exclude



Union



Exclude

Working:

- First, open Figma. Add a new Figma design file.
- Rename a file as 210_Practical-4_boolean-masking.
- In this design, the following tools are used for a particular operation:

Tools Name	Use	Properties
Macbook Air-1	The Macbook Air-1 is used as a container for this design.	Width: 1357px Height: 853px Color fill: # FFFFFFFF,100% Corner radius: 0PX
Text Boxes	Used to write Boolean Operations Name.	Width: 105px Height: 29px Opacity: 100% Typography: Inter, Regular, 26
Union	It is made up of 2 squares.	Width: 125.83px Height: 119.33px

		Spacing: -28 Opacity:100% Corner Radius: 0 Color: # 571818, 100%
Substract	Two circles made a substract.	Width: 83.71px Heigth: 99.09px Opacity: 100% Corner Radius: 0 Color: #6EAA75 100%
Intersect	Two triangles made an intersect.	Width: 69.72px Heigth: 60.45px Opacity: 100% Corner Radius: 0 Count: 3 Color: # DBD692, 100%
Exclude	Two stars make an Exclude.	Width: 149.9px Heigth: 114px Opacity: 100% Corner Radius: 0 Count: 5 Ratio: 38.2% Color: #26CA72 100%
Group-1	Made an Exclude.	Width: 312px Heigth: 304px Opacity: 100% Corner Radius: 10 Count: 6 Ratio: 38.2% Color: #D9D9D9 100%
Group-2	Makes an Union.	Width: 460px Heigth: 384px Opacity: 100% Corner Radius: 0 Color: #000000 100%
Group-3	Made a Exclude.	Width: 280px Heigth: 234px

		Opacity: 100% Corner Radius: 0 Count: 5 Color: # 005D3B 100%
Masking an Image	Includes an image and a union.	Width: 460px Height: 384px Opacity: 100% Corner Radius: 0 Fill: Image 100%

- Export your design as a JPEG file.