

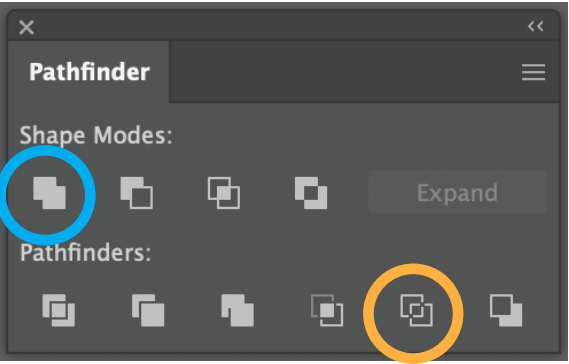
# adobe Illustrator

# PATHFINDER PANEL

Start by going to the Window Menu and opening the Pathfinder Panel. For each problem below, you will select the 2 shapes holding down the shift key, and use the pathfinder command circled in the window panel. Then do it again, and then hit outline in order to see the shape created in outlines only. **How can knowing these different options using the Pathfinder Panel help you create more complex shapes in Illustrator?**

## SHAPE MODES:

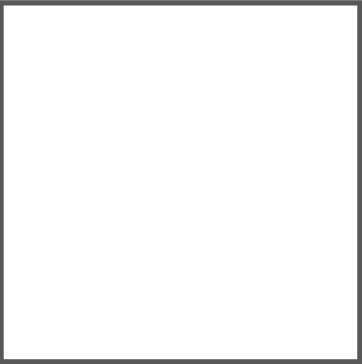
### 1. UNITE



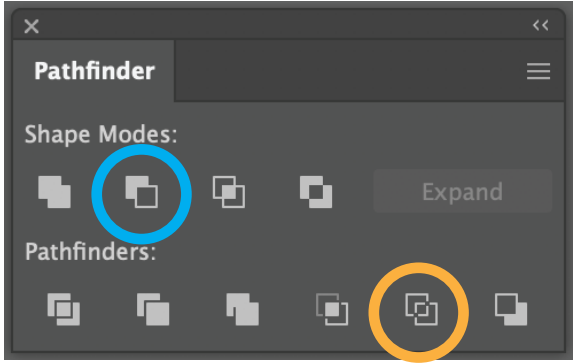
RESULTS:



OUTLINES:



### 2. MINUS FRONT



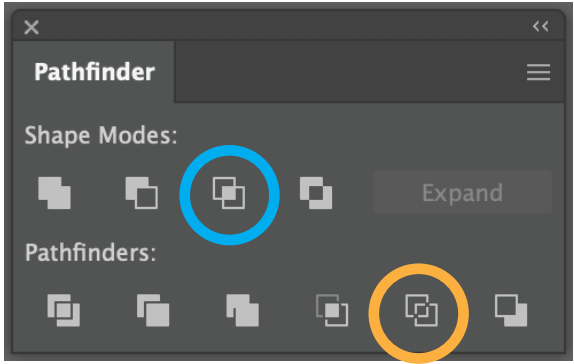
RESULTS:



OUTLINES:



### 3. INTERSECT



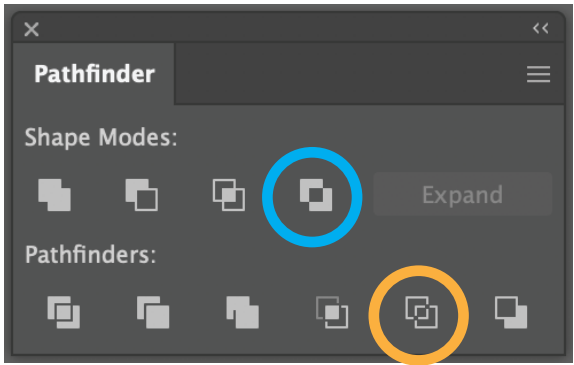
RESULTS:



OUTLINES:



### 4. EXCLUDE



RESULTS:

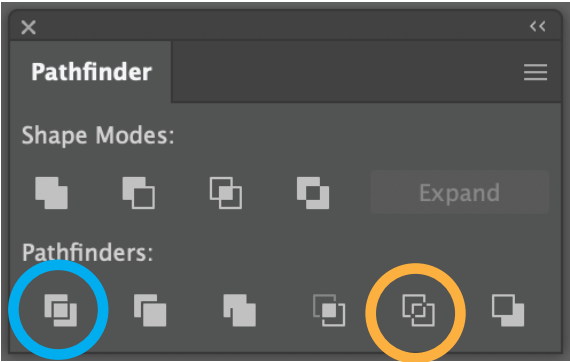


OUTLINES:



# PATHFINDERS:

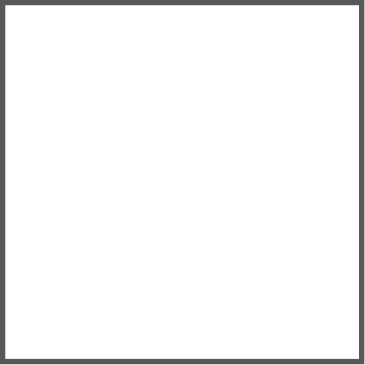
## 5. DIVIDE



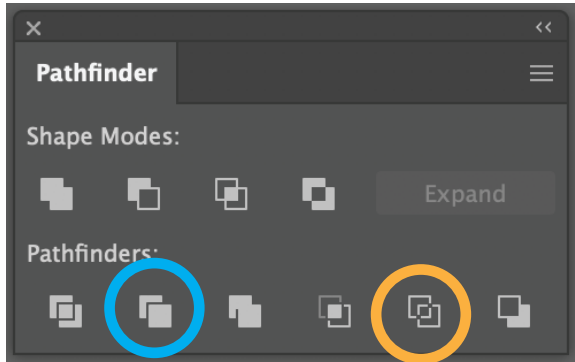
RESULTS:



OUTLINES:



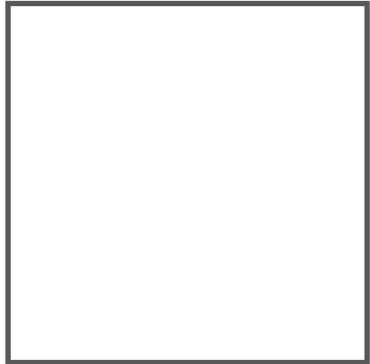
## 6. TRIM



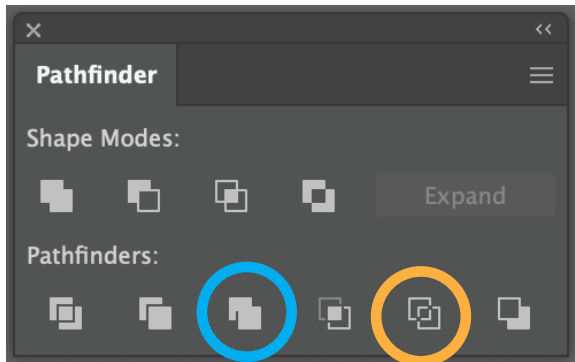
RESULTS:



OUTLINES:



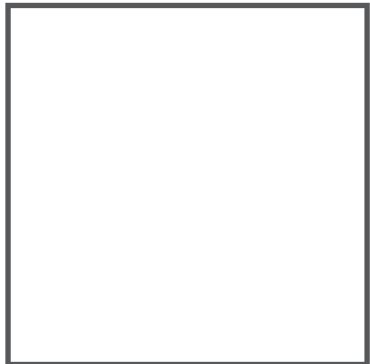
## 7. MERGE



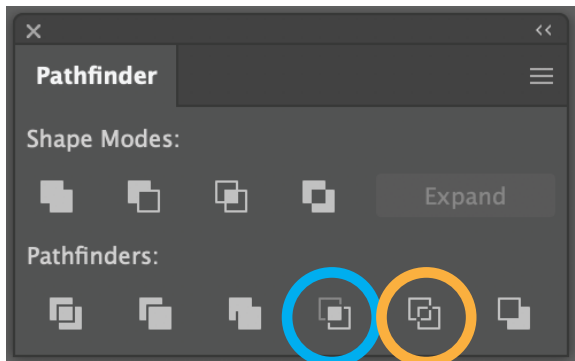
RESULTS:



OUTLINES:



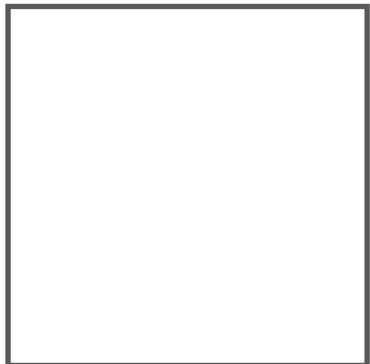
## 8. CROP



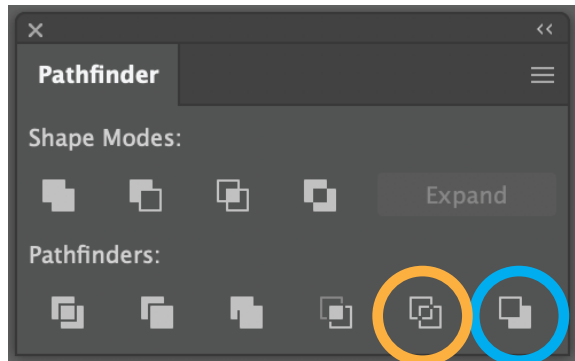
RESULTS:



OUTLINES:



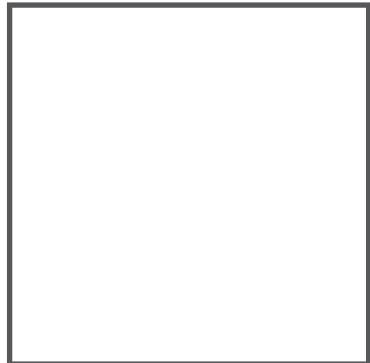
## 9. MINUS BACK



RESULTS:



OUTLINES:

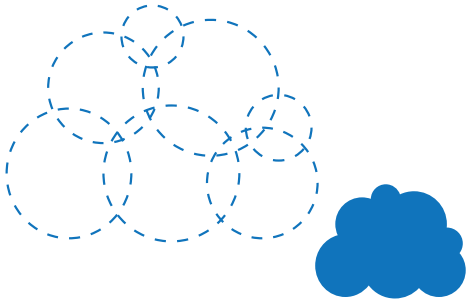


# PRACTICE

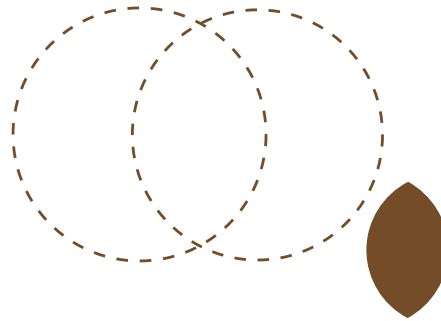
## Try it on your own!

Only use the Pathfinder Panel & the Shapes Tool to recreate the shapes below. Think through what shapes you are seeing and what Pathfinder command you need to use to recreate the shapes. Start with the 4 examples to help guide you, in these you can see the shapes used to create the final product.

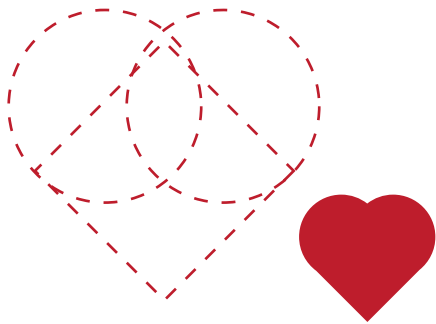
### 1. CLOUDS



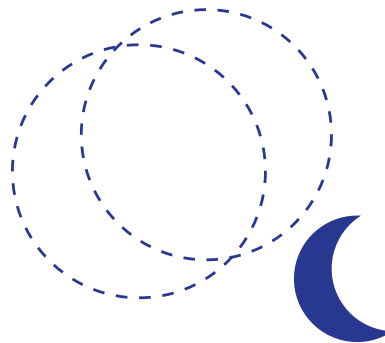
### 2. FOOTBALL



### 3. HEART



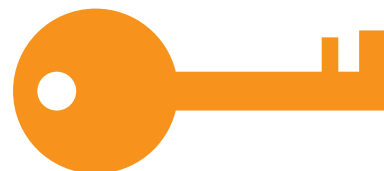
### 4. MOON



### 5. STAR



### 6. KEY



### 7. PIECE OF PIE



### 8. WAVES

