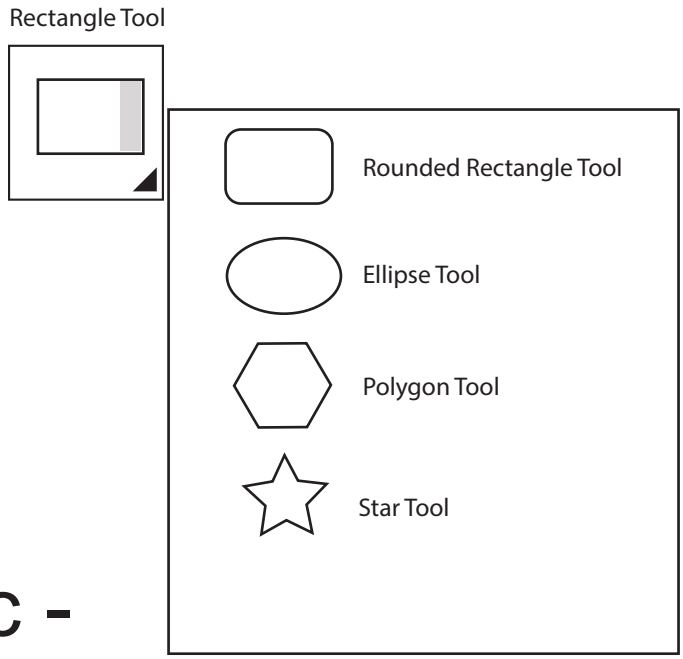
Building Design Essentials #1

Basic geometric shapes can be used as stand-alone graphic elements or as the root-component of symbols, icons, illustrations, and patterns.

Use the shape tool



Basic Geometric -

Draw 5 Basic Geometric shapes

This exercise is based on - Design Basic Index, JIm Krause

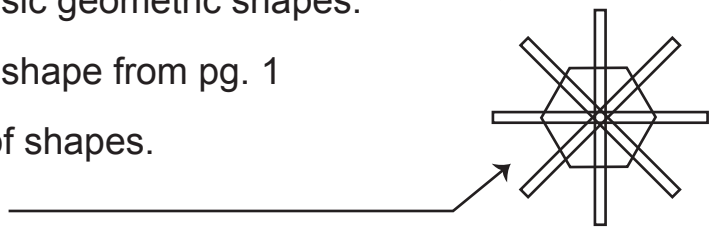
Building Design Essentials #2

Step 1 - Layer a minimum of 3 basic geometric shapes.

Tip- Copy and paste the shape from pg. 1

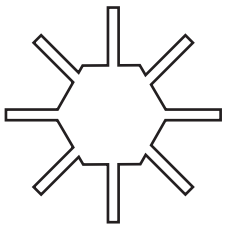
Make 5 different stacks of shapes.

layered shapes

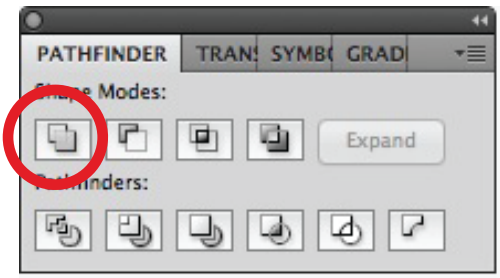


Step 2 - Make sure the shapes are selected,
Window > Pathfinder > Unite menu
to create a flattened complex shape.

United shapes



UNITE



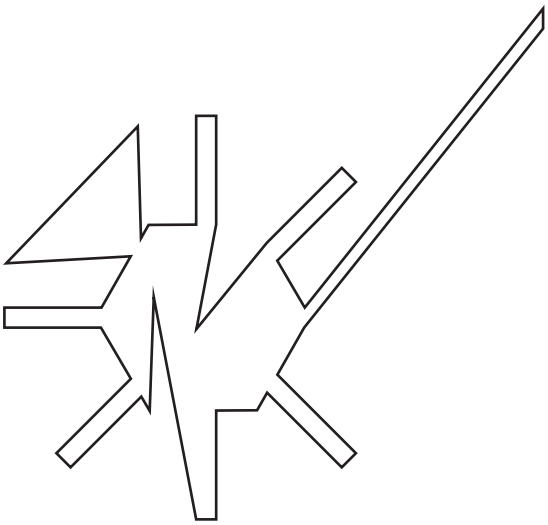
Complex Geometric -

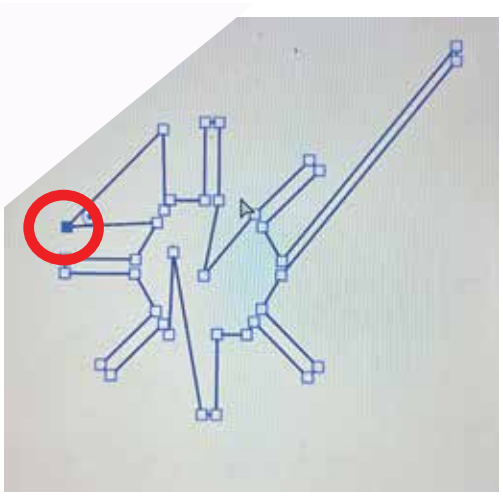
Use the pathfinder menu to create
5 Complex Geometric shapes

Building Design Essentials #3

Step 1 - Use the direct select (white arrow) to move individual points to a new location.
"a" is the keyboard shortcut to the direct select tool.







Structured Freeform -

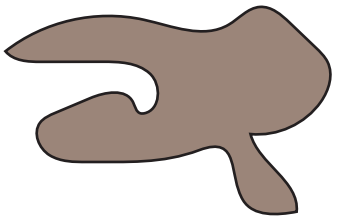
Tip- Copy and paste the shape from pg. 2

Draw 5 Structured Freeform shapes

Building Design Essentials #4

Step 1 - Use the pencil tool (n is the keyboard shortcut) to create freeflowing, organic blob shapes.

A shape is a closed area of space - Element of Art



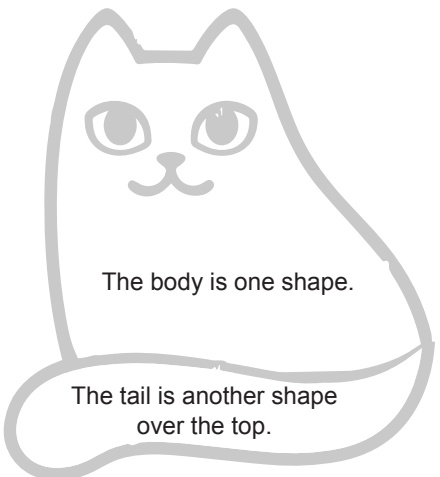
Random Organic -

Draw 5 Basic Random Organic shapes

Building Design Essentials #5

Recognizable icons -

Step 1 - Use the pen tool (p is the keyboard shortcut) to trace each example.

	Student Solution
	
	

Building Design Essentials #6

Rotated designs -

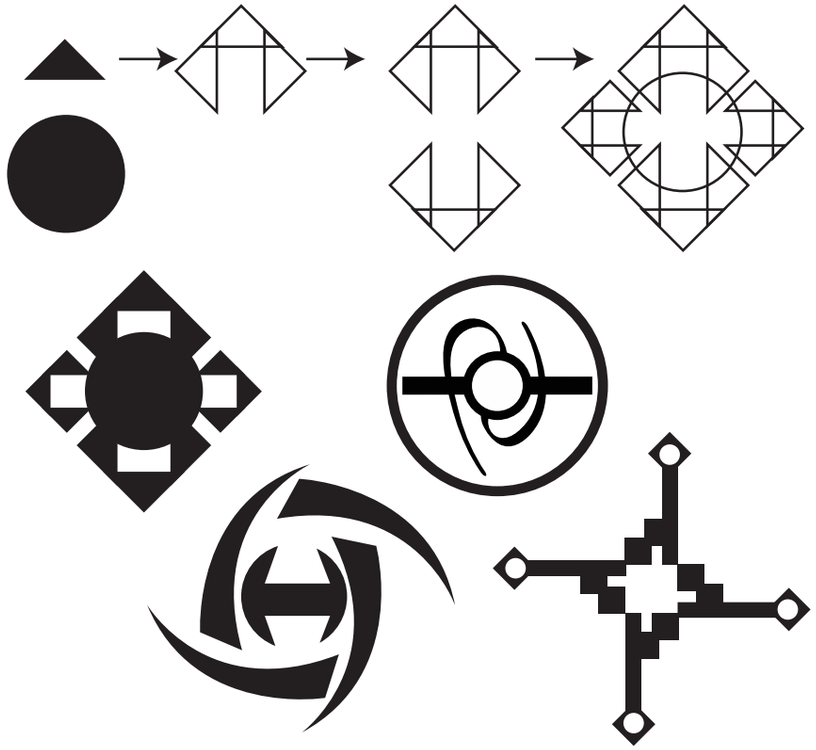
Combined two shapes of your choice to create a new shape that is the same on all sides. (Balanced)

You will need to copy, paste, rotate, flip horizontal, flip vertical, group, and align to be successful at creating these designs.

I don't need to see each step, just the final shape.

Object > Transform > Flip horizonal
or,
Use the rotate tool - r on the keyboard

These two shapes were used to make the design below.



Rotated designs -

1

2

3

4

5

Draw 5 Rotated designs

Building Design Essentials #7

Trimmed Shapes -

Use a shape to trim away from another shape. For example use a random organic shape to trim away part of a Geometric shape.

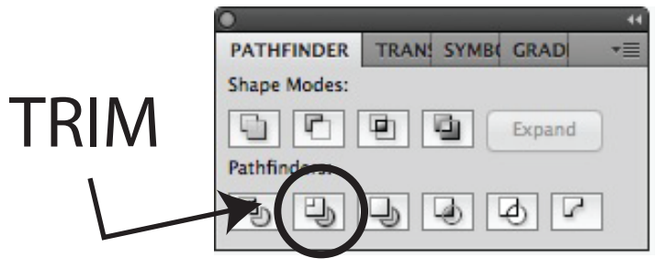
Step 1 - Select both shapes together.

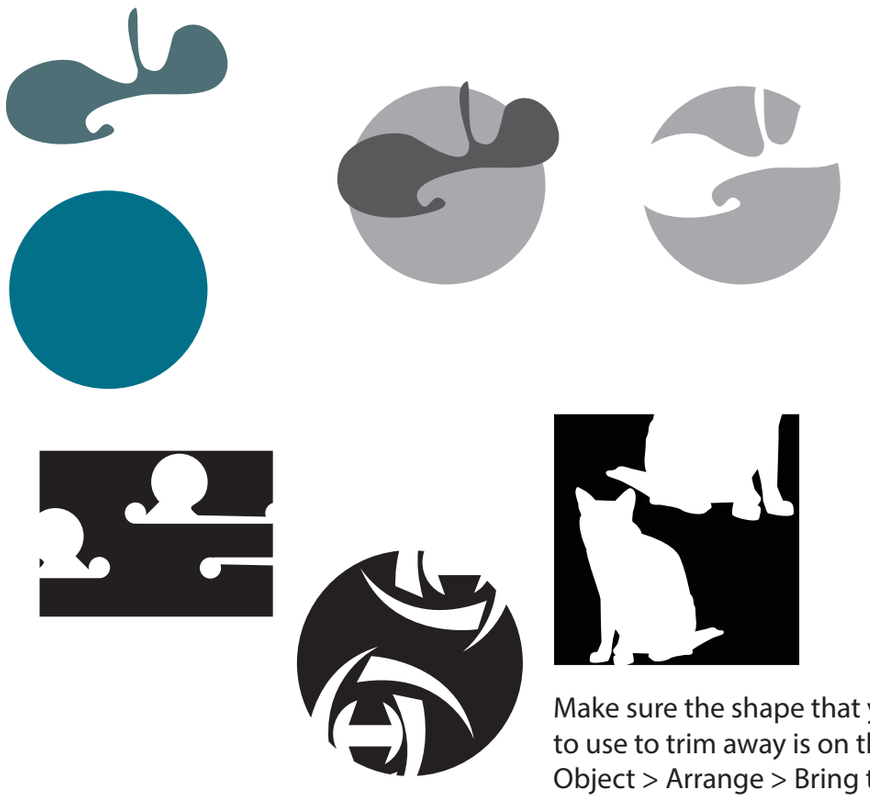
Step 2 - Pathfinder > Trim tool.

Step 3 - Object > Ungroup

Step 4 - Delete the shape you don't want.

Step 5 - Object > Group the pieces that you want to keep





Make sure the shape that you want to use to trim away is on the top.
Object > Arrange > Bring to the front

1	2
3	4

Draw 4 Trimmed shapes

Building Design Essentials #8

Clipping masks are use to block out parts of picture we don't want.

Step 1 - Use the pen tool to trace around the outside of the pumpkin. The line must be unbroken.

Step 2 - Use the black arrown to select the image of the pumpkin, and the shape masking the pumpkin by dragging a box over both pieces.

Step 3 - Object > Clipping mask > make



Step - 1



Step - 2



Step - 3

Clipping Mask -



Create one Clipping Mask image

Building Design Essentials #9

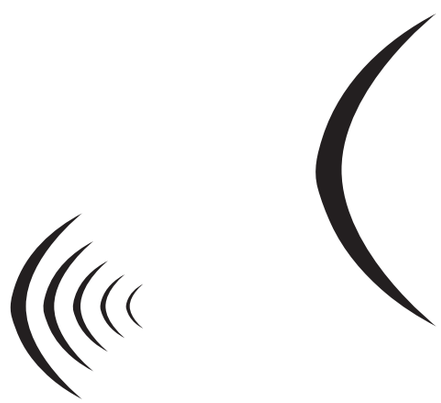
Pattern - The repetion of an idea over and over.

Recreating the 6 different designs using only this shape.





1



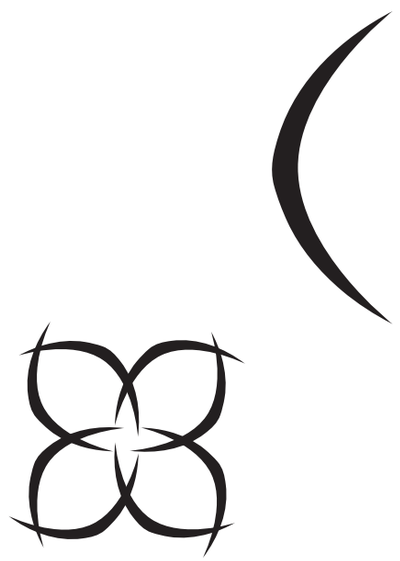
2



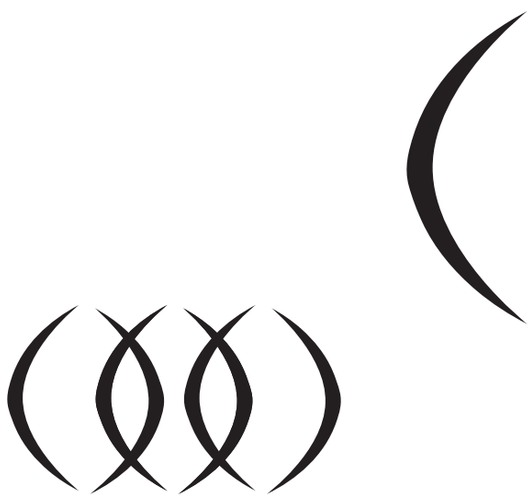
3



4



5



6