



Computer Training Center

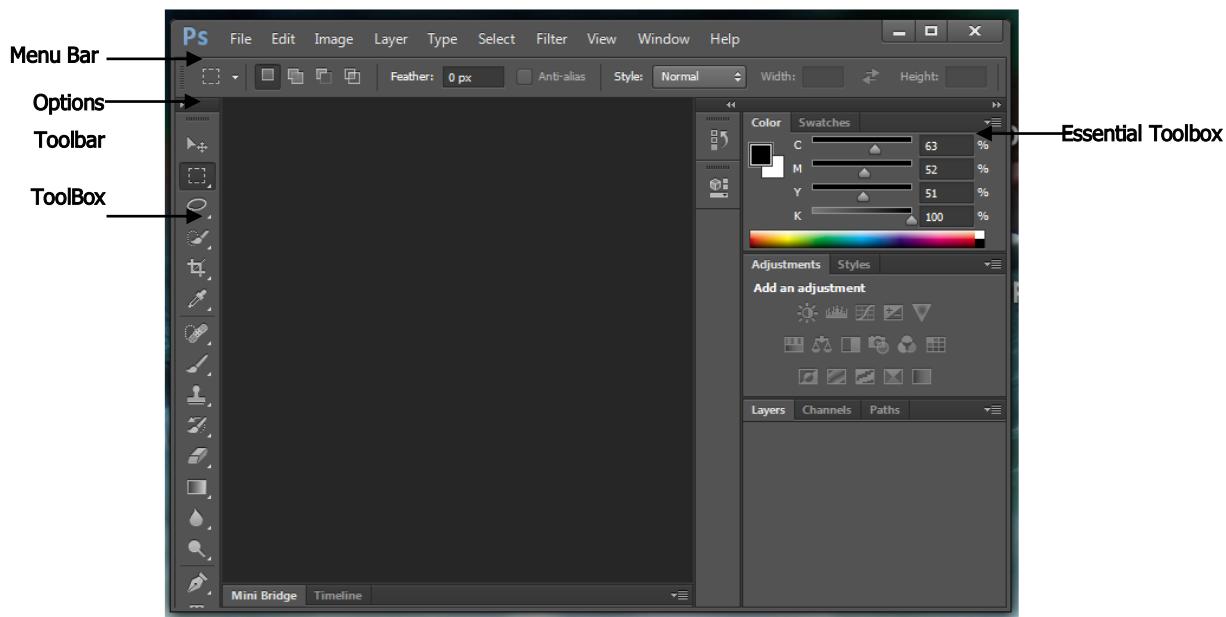
Graphic Course

Manual Book

Photoshop Lessons

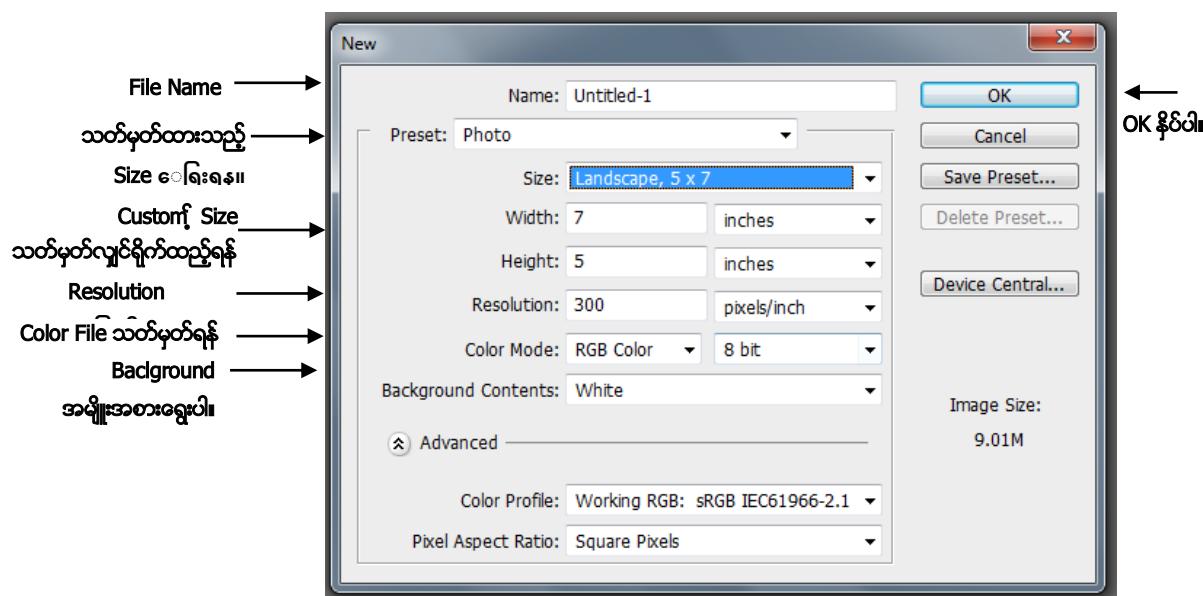


Photoshop menu and tools



New Untitled

File Menu မှ New ကွင် Click နိပါ။ (Ctrl +N)

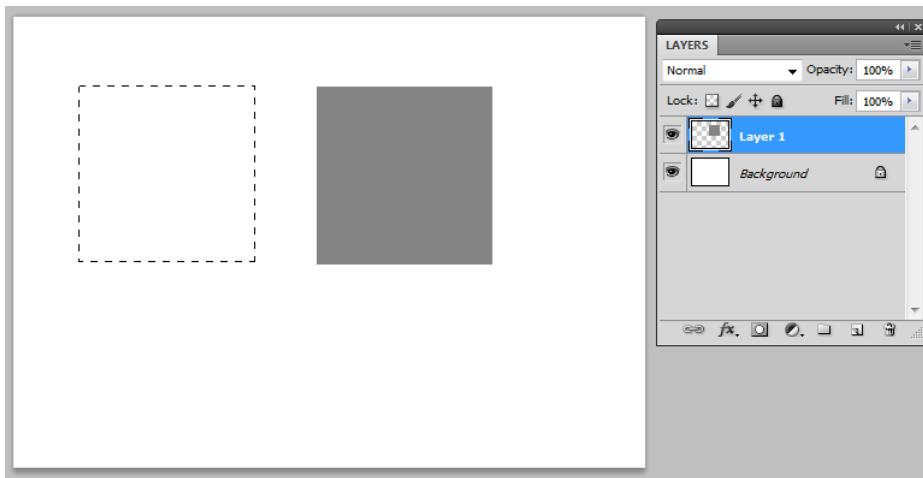


(Rectangular Marquee Tool & Elliptical Marquee Tool) အသုံးပြုခြင်း:

Photoshop စသုံးလျှင် ပြုလုပ်ရမည့် အချက်များ

Step (1)

- (1) Layer Box ကို ဖွင့်ထားပါ။ ပုံဆွဲရန်အတွက် New Layer ကိုနိုင်ပါ။
- (2) ToolBox မှ Rectangular Marquee Tool ကိုရွေးပါ။ စာရွက်ပေါ်တွင် ဆွဲချပါ။
- (3) Selection ရေးယာပေါ်လျှင် အရောင်ဖြည့်ရန်အတွက် Tool Box မှ Paint Bucket Tool ရွေးပါ။
- (4) Foreground Color အားနိုင်၍ အရောင်ရွေးပါ။ ပုံထဲတွင် Click နိုင်ပါ။
- (5) Selection ပြန်ဖြတ်လျှင် Select Menu – Deselect (or) Ctrl + D ကိုနိုင်ပါ။



Step (2)

- (1) ဆွဲထားသော ပုံများကို ရွှေ့ရန်အတွက် Toolbox မှ Move Tool ဖြင့်ရွှေ့ပါ။ (or)
- (2) Options Tool bar မှ AutoSelect တွင် Click နိုင်၍ အသုံးပြနိုင်သည်။ (or)
- (3) Layer ပေါ်တွင် Right Click နိုင်ပြီး Layer အမည်ရွေးပြီး ရွှေ့နိုင်သည်။

Step (3)

မိမိဆွဲထားသော Layer, ပုံနှင့်စာများအား ပြန်ဖျက်လိုပါက layer Box မှ Delete Layer ကိုနိုင်ပါ။ Layer ပေါ်တွင် Click နိုင်၍ Keyboard မှ Delete အသုံးပြုနိုင်သည်။

Step (4)

Free Transform အသံးပြုခြင်း

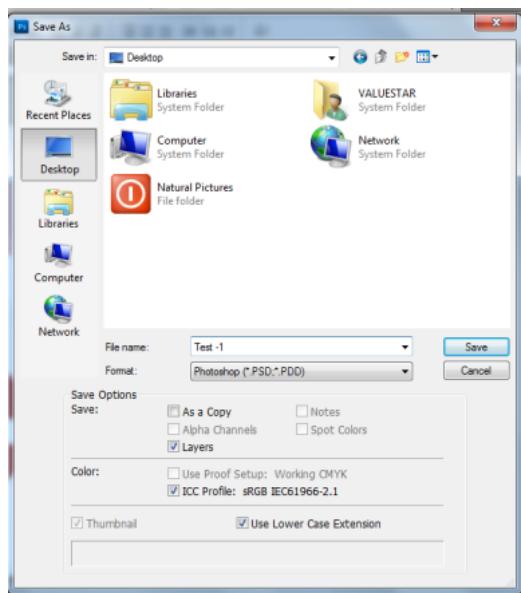
- (1) ဆွဲထားသော ပုံများအား Size ပြင်လိပ်က Edit Menu – FreeTrasnform အား ရွေ့ပါ။ (or) Ctrl + T
- (2) Trasnform Box ကျကျွဲ့ပါ၍ ပုံ၏ထောင့်မှ Size ပြင်နိုင်သည်။ (or)
- (3) Options Toolbar မှ Show Transform Control တွင်လည်းပြင်နိုင်သည်။

Saving File (Ctrl + S)

File Menu – Save ကွဲပဲ Click နိုင်ပါ။ (Ctrl +S)

Save Box ကျကျွဲ့ပါ၍ မိမိသိမ်းမည့် အခန်းရွေးပါ။ My Document (or) DesktopFile Name ပေးပါ။

Save as Type တွင် (Psd, JPEG, TIFF, EPS) File များဖြင့် သိမ်းနိုင်သည်။

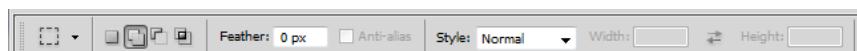


Opening File (Ctrl + O)

File Menu – Open တွင် Click နိုင်ပါ။

မိမိသိမ်းထားသည့် File Name ပေါ်တွင် Double Click (or) Open အသုံးပြခဲ့ဖို့နိုင်သည်။

Selection ပေါင်းချင်း၊ နှုတ်ခြင်း



Options Toolbar ပေါ်တွင် Selection အတိုးအလျော့လုပ်မည့် Command Button များဖြင့်
အရောင်ဖြည့်ခြင်းနှင့် Image ပုံများ၏အစိတ်အပိုင်းအား Copy ကူးယူနိုင်သည်။

New Selection - Selection ရရှိယာတစ်ခုတည်းမှတ်ခြင်း

Add to Selection - Selection ပေါင်းမှတ်ခြင်း

Subtract Selection - Selection နှုတ်ခြင်း

Intersect Selection - ပုံ၏ ကြားခံနောက်ယာအားရွေးပြီး Selection မှတ်ခြင်း

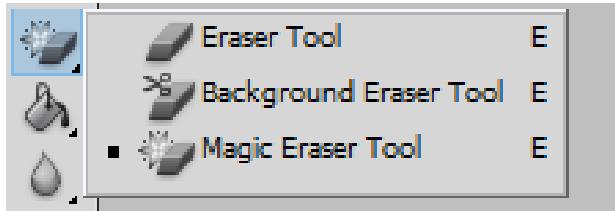
အောက်ပါ Selection အကွက်များ ပြရှုပ်၍ အရောင်ခြေယ်ပါ။



လေ့ကျင့်ခန်း ၁။



လေ့ကျင့်ခန်း J ။



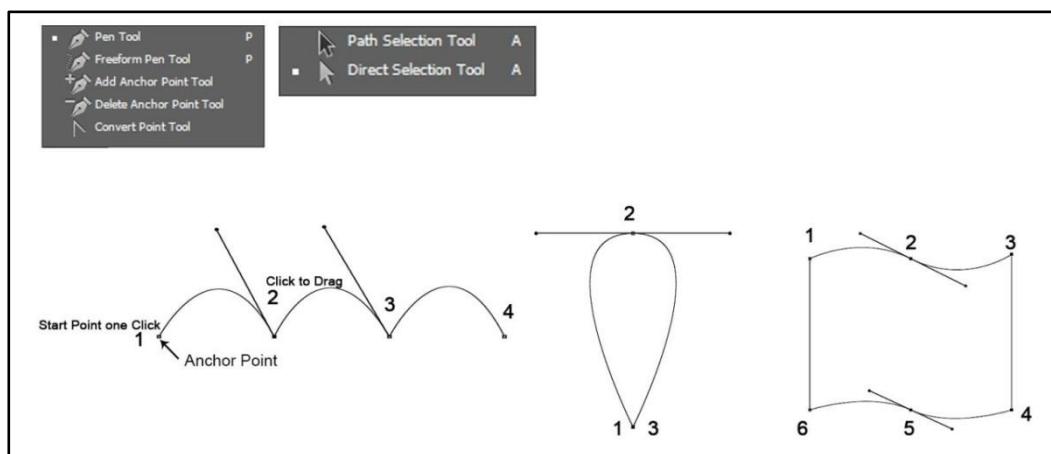
Eraser tool ကိုသုံး၍ background change ပါ။

(ငါ ပုံ အနည်းဆုံး လေ့ကျင့်ပါ)

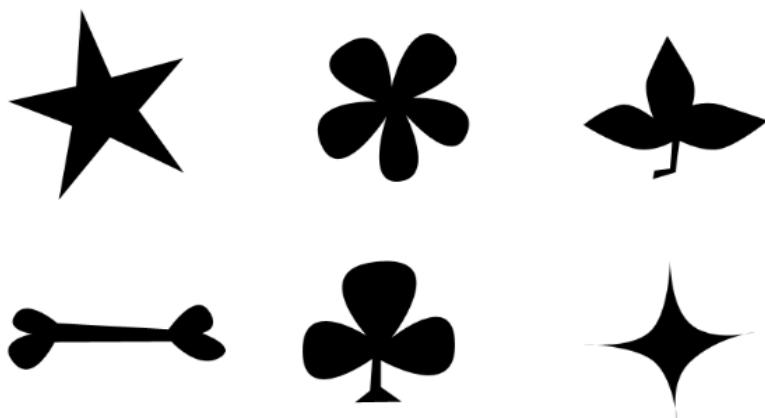


Pen Tool

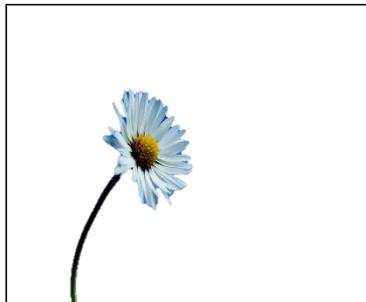
Pen Tool သည် Logo ဒီဇိုင်းရေးဆွဲခြင်းနှင့် Image ပုံ၏ Path လမ်းကြောင်းအား Select မှတ်ရန်အတွက် အသုံးပြနိုင်သည်။



Pentool ကို သုံး၍ အောက်ပါ ပုံများကို ဆွဲပါ။



Pen Tool သုံး၍ ပုံများ၏ background ကို change ပါ။ အနည်းဆုံး ၅ ပုံ လေ့ကျင့်ပါ။



Transform Tools

Photo Transforms (Scale, Rotate, Skew, Distort, Perspective, Wrap)

Scale



Rotate



Skew



Distort



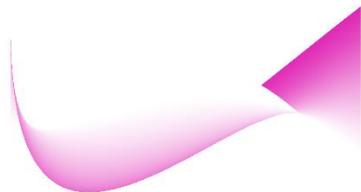
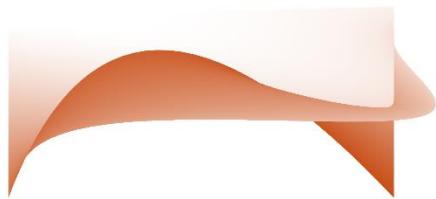
Perspective



Wrap



Wrap ကို သုံး၍လေ့ကျင့်ပါ။



Text Transforms (Scale, Rotate, Skew, Distort, Perspective, Wrap)

မှတ်ချက်။ ။ Text များကို Transform Effects မေတ္တာ့ခင် Text ကို Rasterize လုပ်ပေးရန်။

Scale

Northern City

Rotate

Northern City

Skew

City

Distort

Northern City

Perspectcive

Northern City

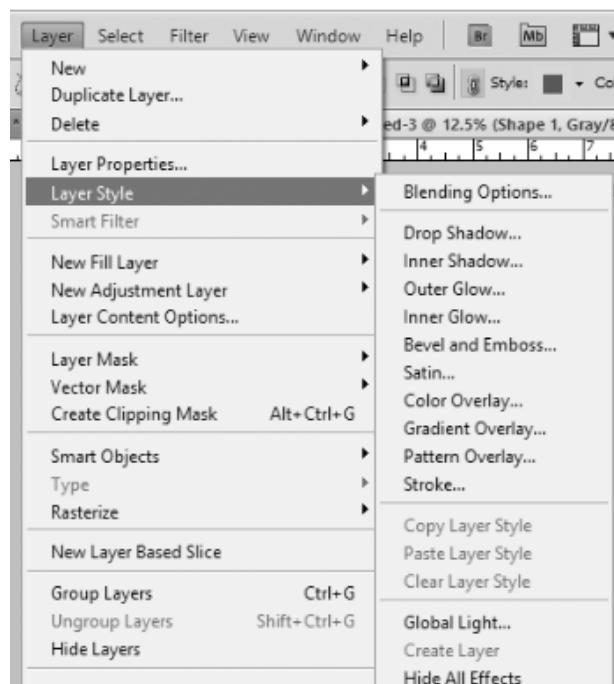
Wrap

Northern City

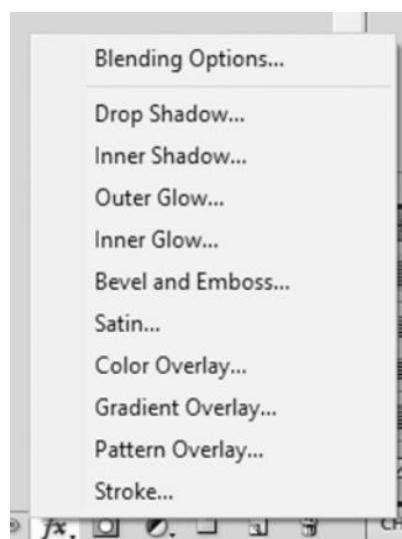
Layer Style

Layer Style များကို Layer Menu မှ သော်လည်းကောင်း fx button မှ သော်လည်းကောင်း ရယူနိုင်သည်။

Layer menu



Fx Button



အောက်ပါလေ့ကျင့်ခန်းများကို လုပ်ပါ။

Drop Shadow



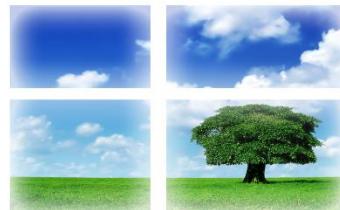
Stroke



Bevel/Embos



Inner Glow



Inner Shadow



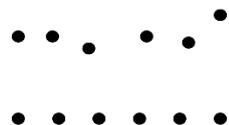
Outer Glow



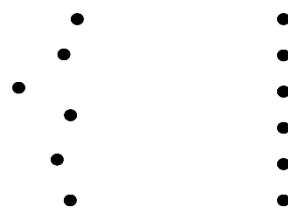
Alignment Tool



Horizontal Alignment



Vertical Alignment



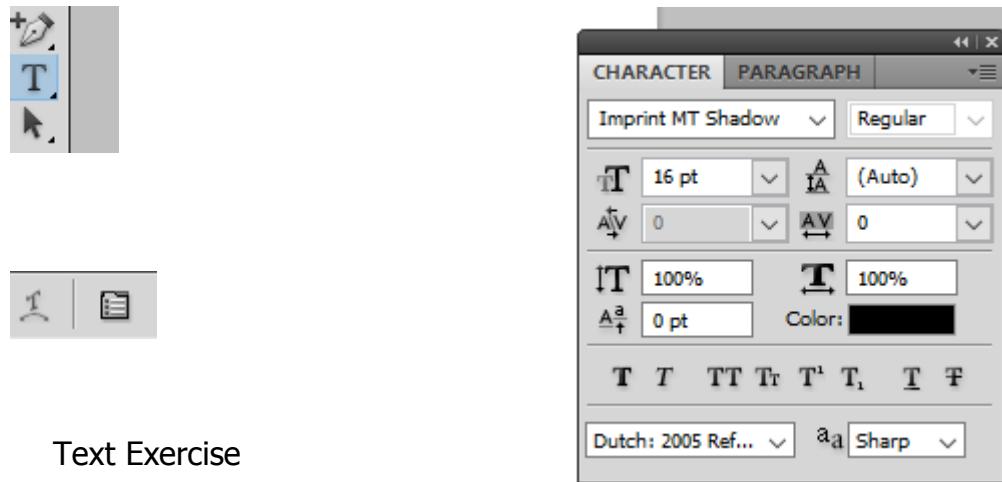
Alignment Exercise

Northern City
Computer Training Center

- Computer Basic
- Computer Maintenance
- Advanced Excel
- Graphic Design
- Video Editing
- MS Access Database
- Web Design
- Web Application
- Java Programming
- Android Application
- C Sharp Programming

No.58, Innsein Road, Yangon, Myanmar

Text Tool (Shortcut T)



Text Exercise

CHARACTER AND PARAGRAPH

Northern City

Computer Training Center

Life is to be fortified by many friendships. People do not care how much you know, but they know how much you care. Life is to be fortified by many friendships. People do not care how much you know, but they know how much you care. Life is to be fortified by many friendships. People do not care how much you know, but they know how much you care.

Computer Graphic Course

Advanced Excel Course

Video Editing Course

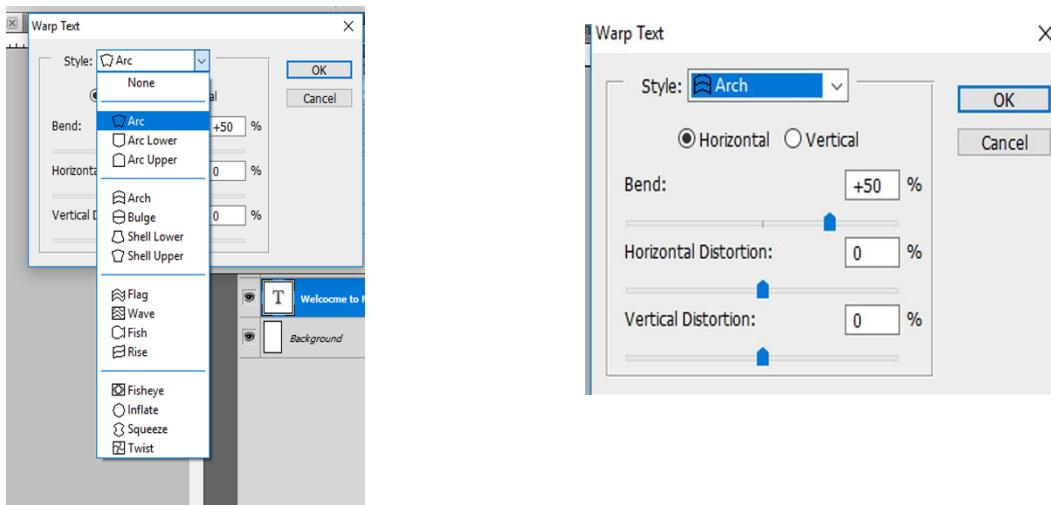
Web Design Course

H_2O

CO_2

X^2Y^2

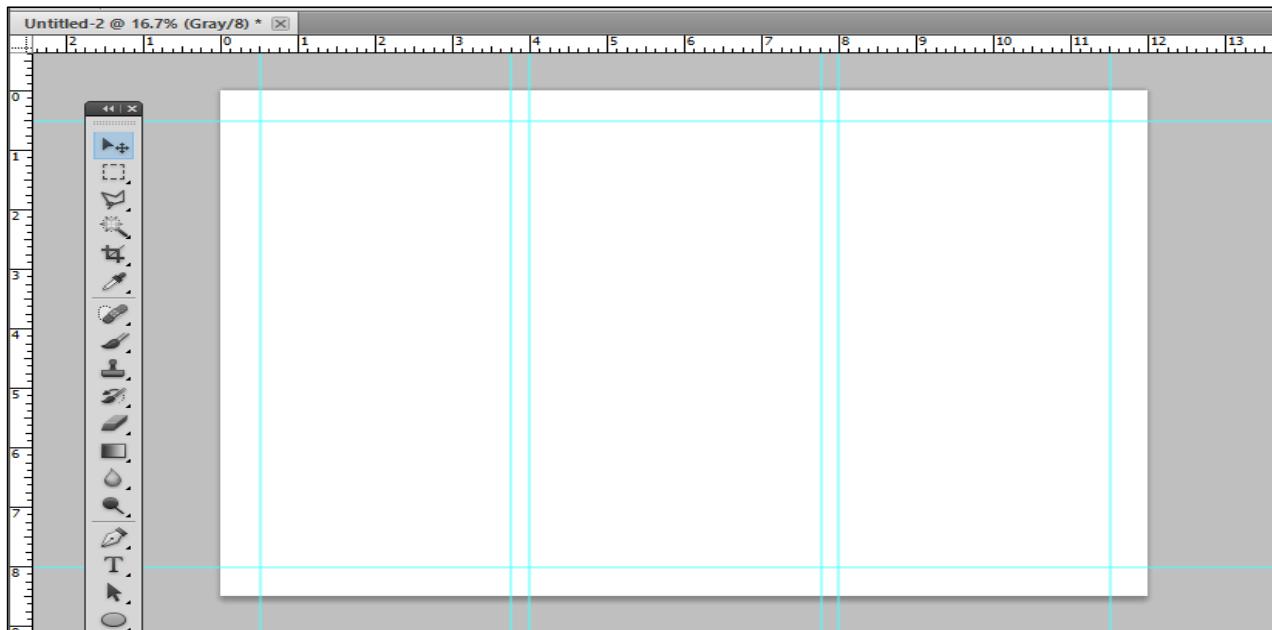
Text Wrap



Do the following Exercises

Welcocme to Northern City

Press Ctrl + R to get ruler and right click of the ruler and choose inches



THE COTTAGE AT LAKE LILY

Make history with your own unique experience! We offer this beautiful indoor space for rent on our historic campus with a scenic view of Maitland's Lake Lily.




HISTORIC LAKE LILY GROUNDS

The grounds available for rent at Lake Lily are located next to the historic Waterhouse Residence Museum. This is a perfect location for a unique wedding ceremony and/or a small reception.



MAITLAND ART AND HISTORY ASSOCIATION

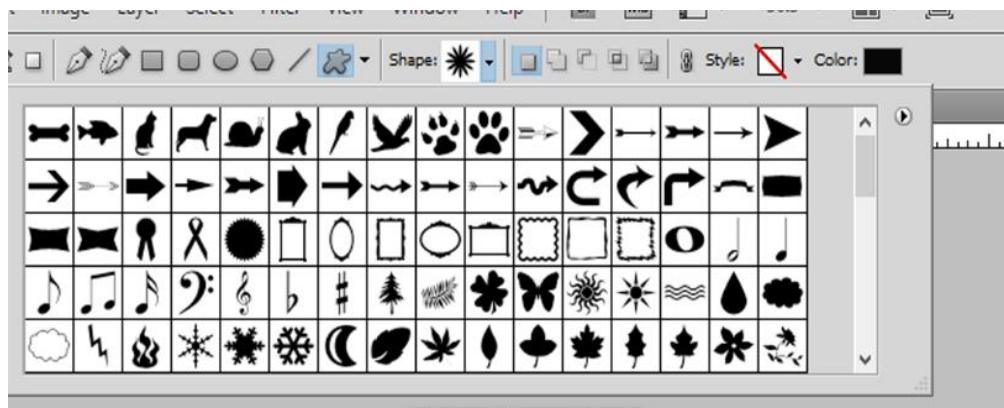


Facility Rentals

- ⊗ Weddings & Receptions
- ⊗ Bridal Showers
- ⊗ Rehearsal Dinners
- ⊗ Company Meetings
- ⊗ Holiday Parties
- ⊗ Award Dinners
- ⊗ Classes
- ⊗ Workshops
- ⊗ Birthday Parties
- ⊗ Photo Shoots
- ⊗ Video Shoots

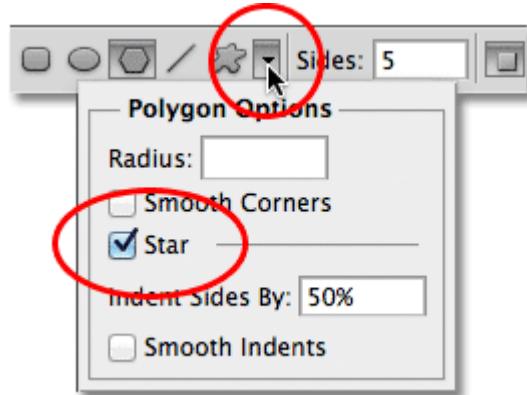
Shape Tool

Custom Shapes



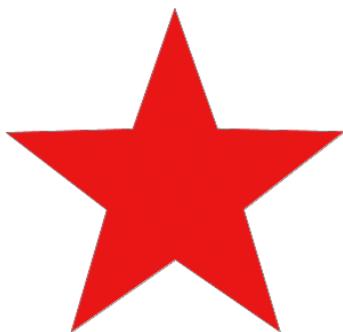
Drawing Stars With The Polygon Tool

To draw stars with the Polygon Tool, click on the small arrow in the Options Bar to bring up the Polygon Options, then select Star:



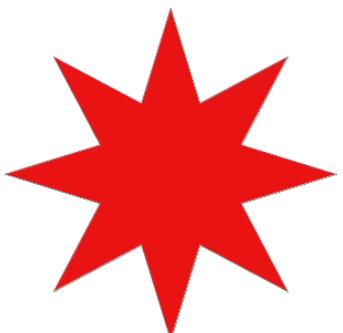
Choose Star from the Polygon Options menu.

With the Star option selected, just click inside the document and drag out a star shape. The **Sides** option in the Options Bar controls the number of points in the star, so with the default Sides value of 5, for example, we get a 5-pointed star:



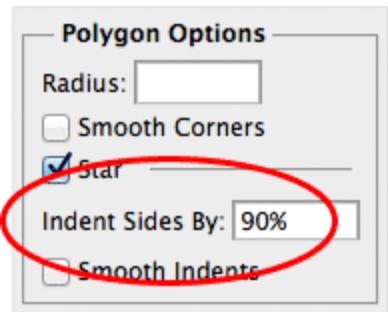
A 5-pointed star drawn with the Polygon Tool.

Changing the Sides value to 8 gives us an 8-pointed star:



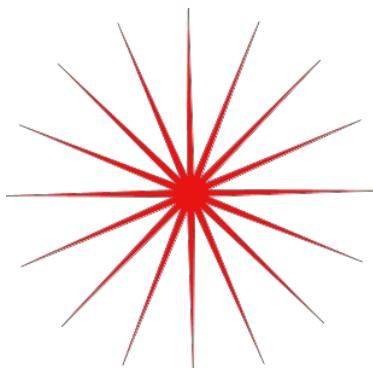
Set the number of points in the star with the Sides option.

We can create a starburst shape by increasing the indent of the points using the **Indent Sides By** option. The default value is 50%. I'll increase it to 90%:



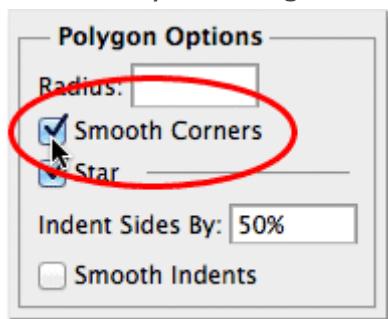
Increasing the star's indent value to 90%.

Here's my star shape with the indent set to 90%. I've also increased the number of sides to 16:



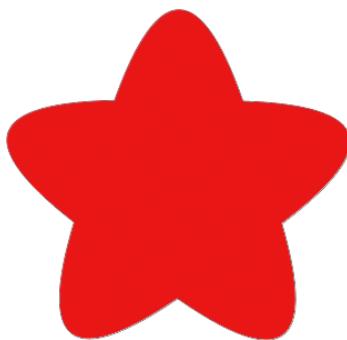
Increase the Sides and Indent values to create a starburst shape.

By default, stars have sharp corners on the ends of their points, but we can make them rounded by choosing the **Smooth Corners** option:



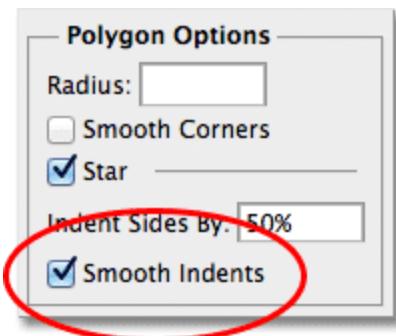
Selecting the Smooth Corners option.

Here's a standard 5-pointed star with the Smooth Corners option enabled::



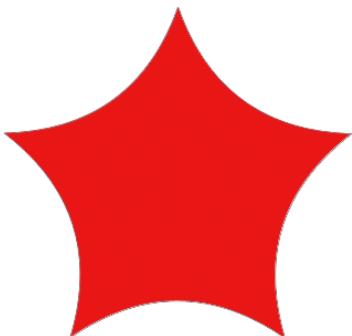
The Smooth Corners option gives stars a friendly look to them.

We can smooth the indents as well and make them rounded by selecting the **Smooth Indents** option:



Selecting the Smooth Indents option.

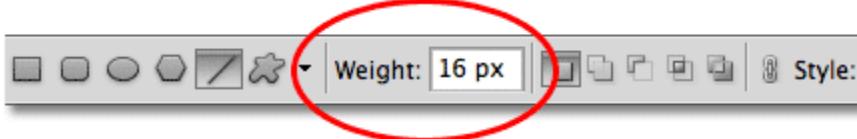
And again, we get a different look to our star shape:



A star shape with Smooth Indents enabled.

The Line Tool

Finally, the Line Tool, which is the last of Photoshop's geometric Shape tools, lets us draw simple straight lines, but we can also use it to draw arrows. Set the thickness of the line by entering a value, in pixels, into the **Weight** option in the Options Bar. I'll set mine to 16 px:

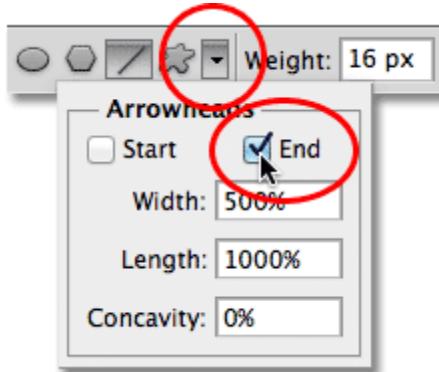


Use the Weight option to set the line thickness.

Then simply click in the document and drag out your line shape. Hold the **Shift** key down after you start dragging to limit the direction you can draw the line in, which makes it easy to draw horizontal or vertical lines:

Hold Shift as you drag to draw horizontal or vertical lines.

To add arrowheads to the lines, click on the small arrow in the Options Bar to bring up the **Arrowheads** options. Photoshop lets us add arrowheads to either the start or end of a line, or both. If you want the arrowhead to appear in the direction you're drawing the line, which is usually the case, select the **End** option. Make sure you select this option before drawing the line, since Photoshop doesn't let us go back and add arrowheads after the line has already been drawn:



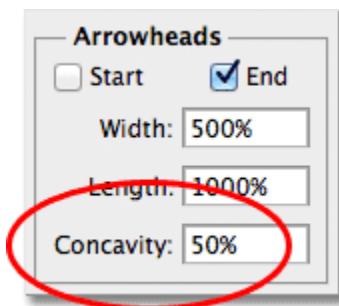
Select End in the Arrowheads options to add an arrowhead in the direction the line was drawn.

Here's a line shape similar to the previous one, this time with an arrowhead on the end:



The Line Tool makes it easy to draw direction arrows.

If the default size of the arrowhead doesn't work for you, you can adjust it using the **Width** and **Length** options. We can also make the arrowhead appear concave using the **Concavity** option. The default value is 0%. I'll increase it to 50%:



Increase the Concavity option to change the shape of the arrowhead.

This changes the shape of the arrowhead. Again, make sure you set the Concavity option before drawing the line, otherwise you'll need to delete the shape and draw it again:

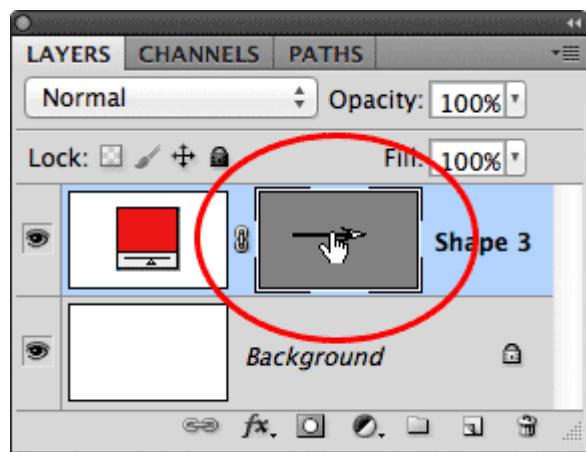


An arrowhead with the Concavity value set to 50%.

Hiding The Outline Around The Shape

If you look closely at your shape after you've drawn it (regardless of which Shape tool you used), you'll often see a thin outline appearing around it which you may find annoying. The outline appears around the shape whenever the shape's vector mask is selected, and it's always selected by default after we draw a new shape.

If you look at the shape's layer in the Layers panel, you'll see that the vector mask thumbnail has a white highlight border around it which tells us that the mask is in fact selected. You can hide the outline around the shape by deselecting its vector mask. To do that, simply click on the vector mask thumbnail. The highlight border around the thumbnail will disappear and so will the outline around the shape in the document:



Do the following Shape Exercises

Exercise 1



Exercise 2

Introducing NEW Courses

Learna Heartland Centre

Now Presents Basic & Advanced Computer Learning Programs

WEB DESIGN	SOCIAL MEDIA	NET WORKING	BASIC COMPUTERS
<ul style="list-style-type: none"> Intro to the Internet & WWW XHTML Basics Configuring Color & Text with CSS Visual Elements & Graphics Web Design Page Layout with CSS More on Links, Lists, and Layout Tables XHTML Forms Web Site Development JavaScript: Client-side scripting, DOM and Prototype Server-side scripting using PHP MySQL and PHP AJAX and JSON 	<ul style="list-style-type: none"> Social Media + Web 2.0 Building a Social Brand Building a Social Strategy Engagement Vs Sale Online Social Network Blogs / Micro Blogs Wikis Consumer generated content Podcasting / Vodcasting Social Apps + Widgets Gaming Location based social networking (both Basic and Advanced) 	<p>Cisco Certified Network Associate (CCNA)</p> <ul style="list-style-type: none"> Internetworking and Cisco IOS TCP/IP Advanced IOS Management IP Routing Advanced TCP/IP Wide Area Networking <p>Basic Networking</p> <ul style="list-style-type: none"> Local Area Networking Windows Workgroups, Printer & File Sharing 	<ul style="list-style-type: none"> Introduction to Computers Introduction to Windows XP/Vista/7 Introduction to Computer Hardware Internet Usage Internet Security Google Microsoft Word Microsoft Excel Microsoft PowerPoint Microsoft Outlook

Learn from qualified professionals and expert faculty members.
Call today for enquiries and details.

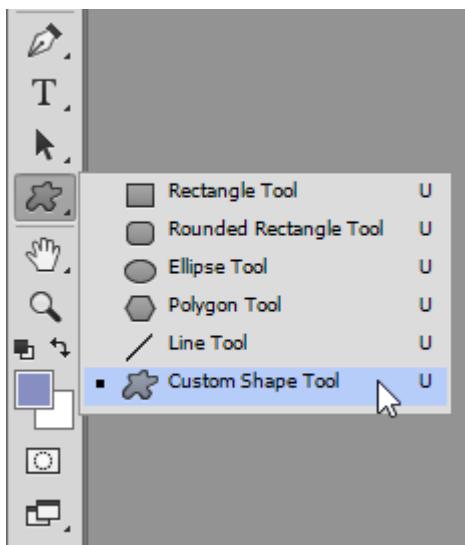
Hurry!
Registrations now open for March 2011 onwards

LEARNA Learna Heartland Centre in collaboration with Heartland Center For Advanced Learning

808 Britannia Road W., (Unit 206), Mississauga ON L5V 0A7 (Mavis/Britannia) Call: 905 819 8142 / 647 998 1243, E-mail: learna@gmail.com

Wrap Text along a Path Using Photoshop

1. Open a new document in Adobe Photoshop CC.
2. Select Custom Shape Tool from the Tools panel.

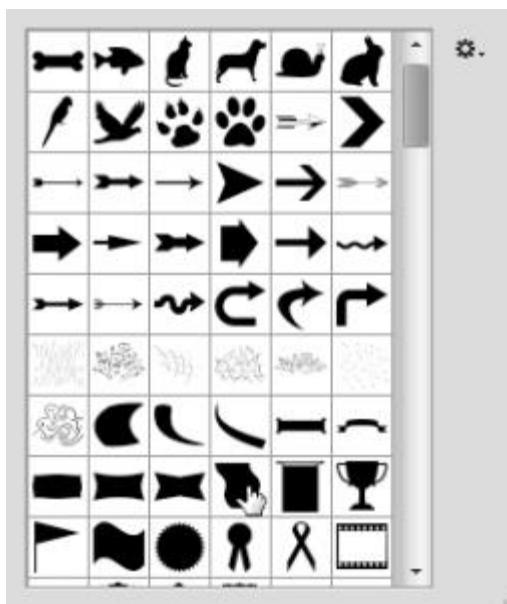


3. Choose **Path** from the Options Bar. Click the Custom Shape arrow on the Options bar.



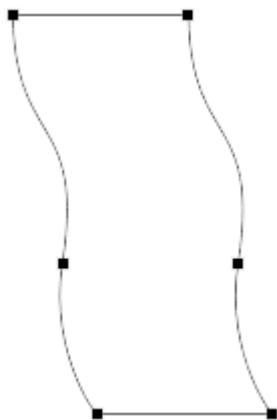
Pick Path and then select a custom shape.

4. Choose a custom shape from the panel. (To see all the custom shapes click the Custom Shape menu picker and select ALL. Click OK)



Select a custom shape. Pick a shape with a simple outline.

5. Click and drag to draw a shape.



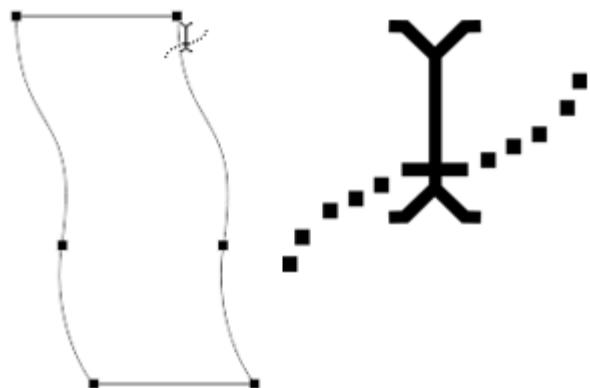
Draw the shape.

6. To add text, click the **Horizontal Type Tool**.
7. From the Options bar select a font, style, size, and color of the text. Set the size to **12**.



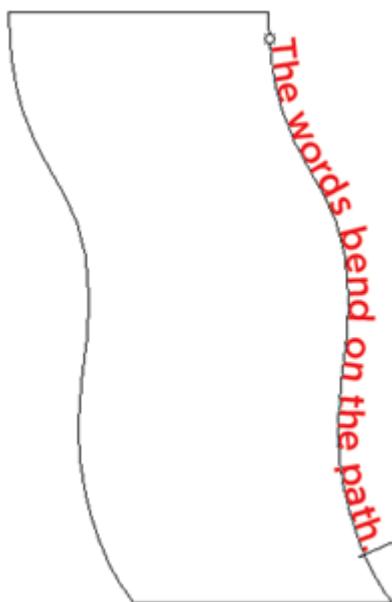
Format the text using tools on the Options bar.

8. Move the mouse pointer over the edge of the shape. The pointer changes to an I-beam with a wavy line. Click on the shape border in the spot where you want to start adding text.



Click on the edge of the shape.

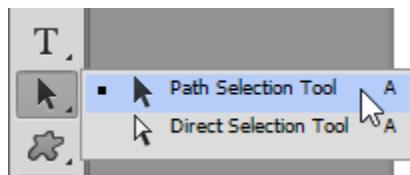
9. Type and the text will automatically wrap around the shape.



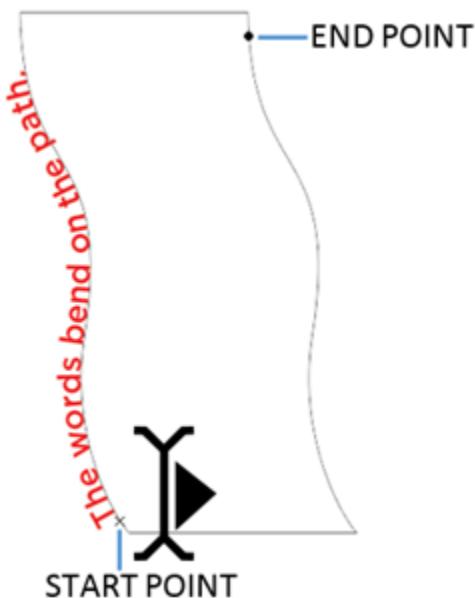
Type and the words bend along the shape path.

Change the Direction and Position of Text

1. Select the **Path Selection Tool** from the Tools panel.

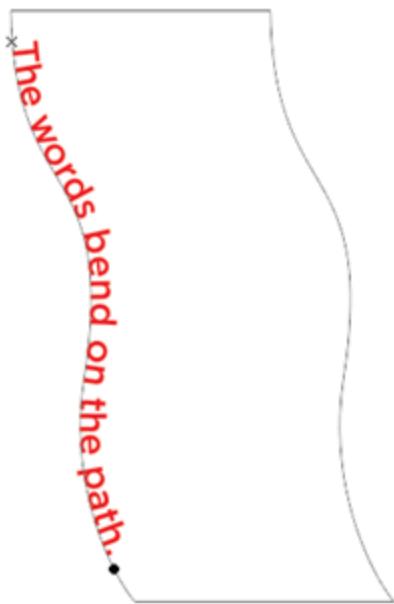


2. Drag the mouse pointer over the text to move it along the path AWAY from the END POINT.



Drag the text along the path of the shape.

3. Drag the mouse pointer ACROSS the path of the shape to flip the text and reverse it.



Drag across the shape border to make the text move to the inside.

Make the Text Look Great!

The words bend on the path.

Do the following Exercises



Back Design



Front Design



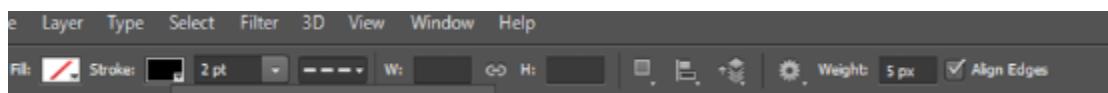
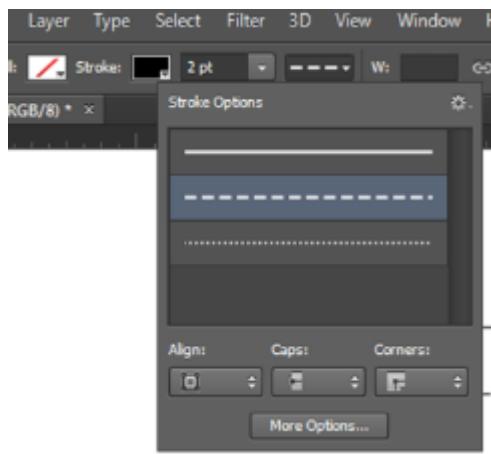
Back Design



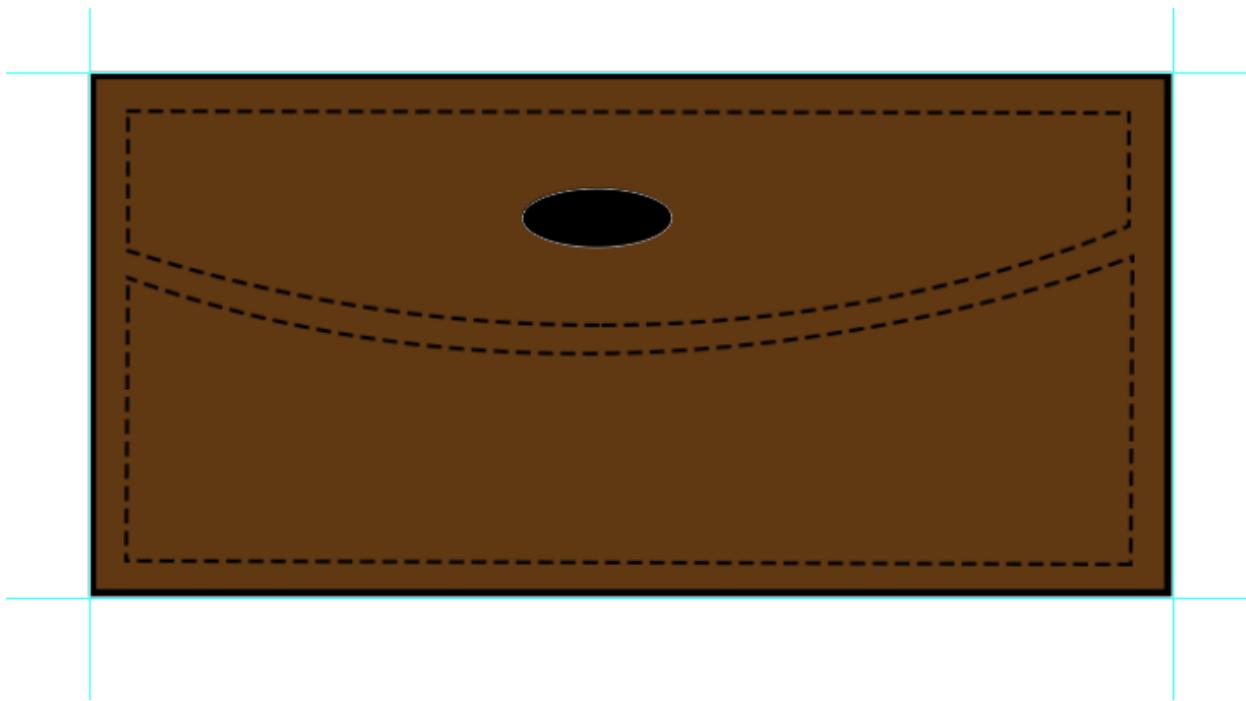
Front Design



Photoshop Dotted Line



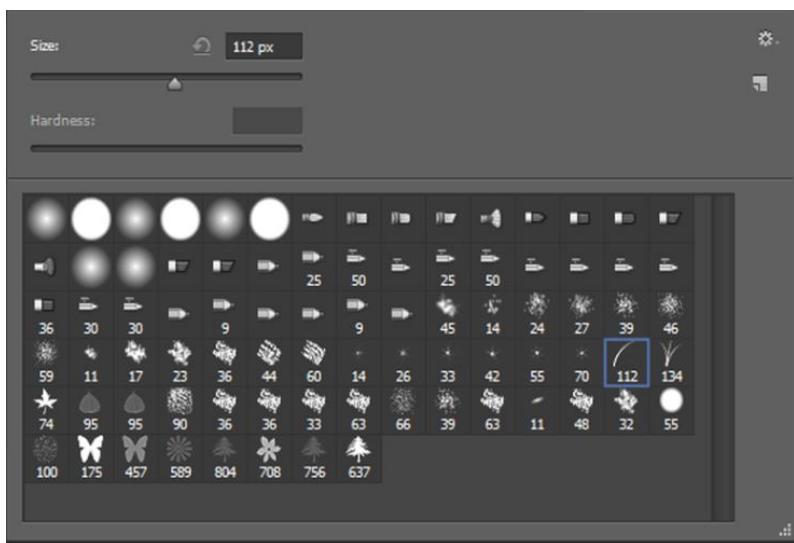
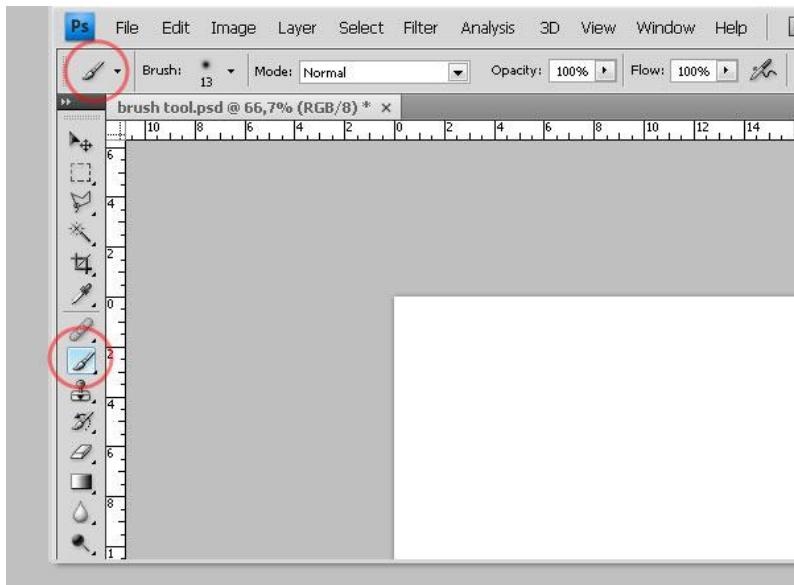
Draw the following lines



Northern City

Photoshop Brush

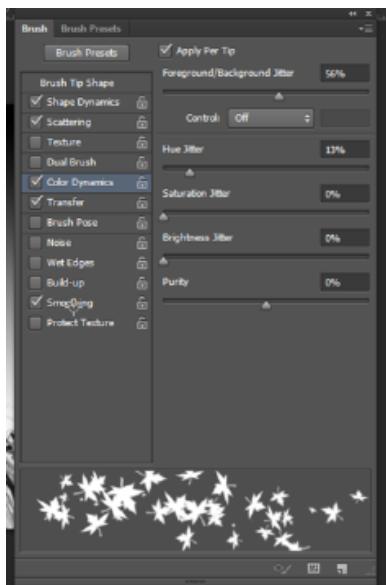
Photoshop includes several built-in presets, that are in fact pre-made brushes ready to use.

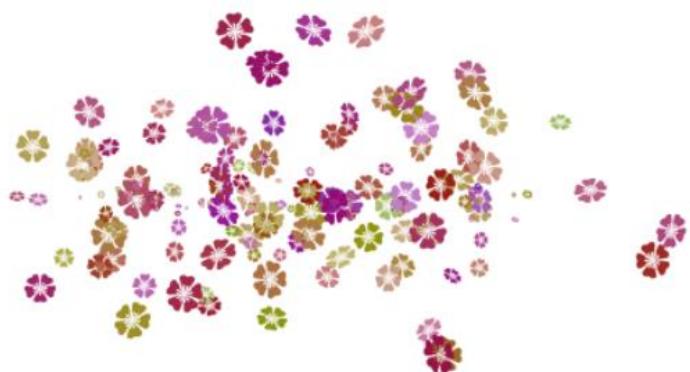


Draw the following shapes and save them as brush presets



Configure the brush as you prefer





Do the following Exercise



Photoshop Patterns

Draw the following shape and save as pattern



Type the following Text and save as pattern

Northern City

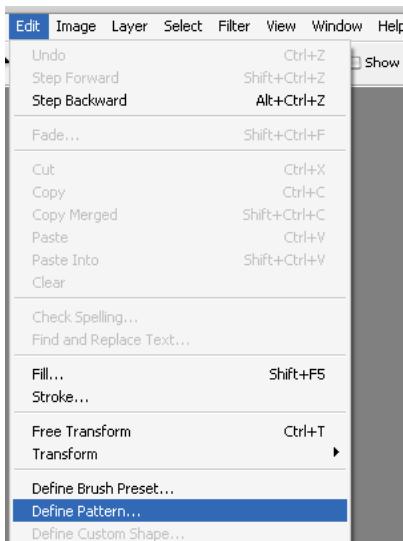
Place a photo as the following and save it as pattern

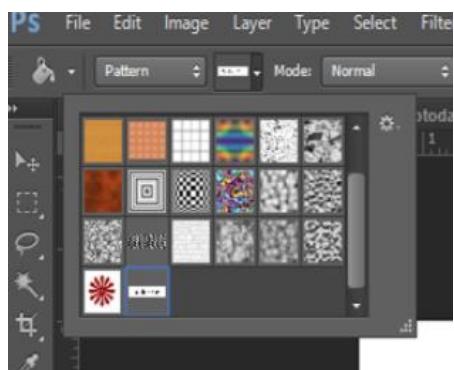
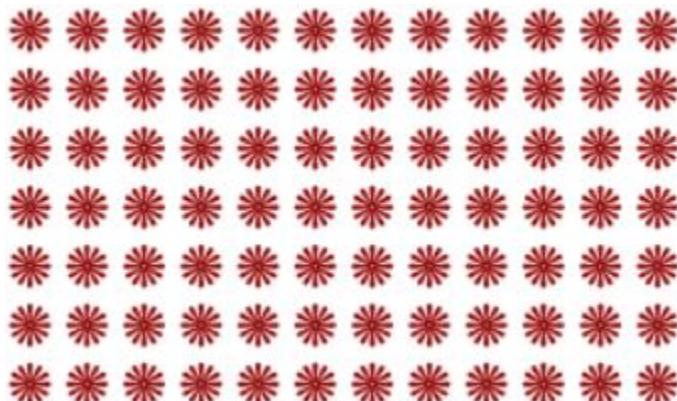
2inches x 2 inches (300 resolution)



Define as pattern

Let's define it as pattern so it can be used at anytime. Select *Edit ->Define Pattern.*



**Pattern 1****Pattern 2**

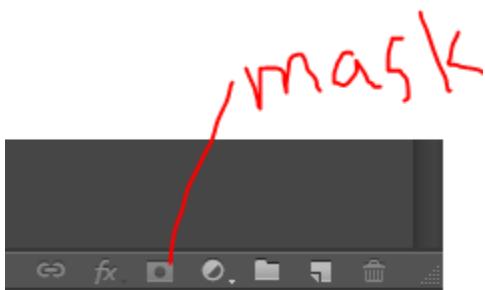
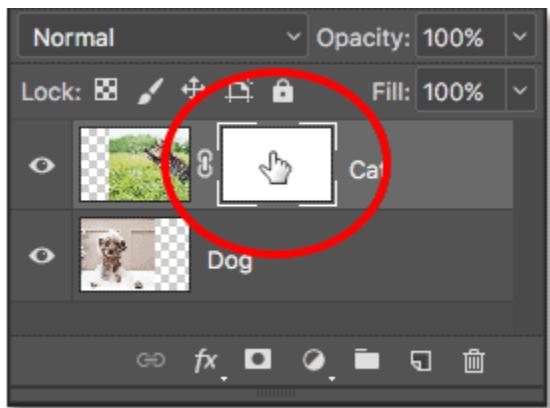
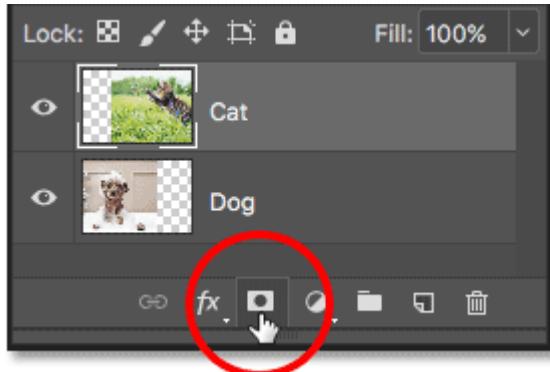
Pattern 3



Do the Following Exercise

 Yadanar ပျက်စားပိန္ဒုင် မျက်မှုန် Store Online Shopping	Date : _____ Customer's Name : _____ Phone : _____ Address : _____ <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th></th> <th colspan="3">R.E</th> <th colspan="4">L.E</th> </tr> <tr> <th></th> <th>SPH</th> <th>CYL</th> <th>AXIS</th> <th>SPH</th> <th>CYL</th> <th>AXIS</th> <th>PD</th> </tr> </thead> <tbody> <tr> <td>DIST</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>READ</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Name :</td> <td style="width: 50%; text-align: center;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td>Amount</td> <td>.....</td> </tr> <tr> <td>Advance</td> <td>.....</td> </tr> <tr> <td>Balance</td> <td>.....</td> </tr> </table> </td> </tr> <tr> <td>Phone :</td> <td></td> </tr> <tr> <td>Date :</td> <td></td> </tr> <tr> <td>Delivery :</td> <td></td> </tr> <tr> <td>Frame 1 :</td> <td>Lens 1 :</td> </tr> <tr> <td>Frame 2 :</td> <td>Lens 2 :</td> </tr> <tr> <td>Frame 3 :</td> <td>Lens 3 :</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse; background-color: #90EE90; text-align: center;"> <tr> <td style="width: 33%;">Phone</td> <td>: 09 - 444 626 926, 09 - 963 822 236</td> </tr> <tr> <td>Viber</td> <td>: 09 - 444 626 926</td> </tr> </table>		R.E			L.E					SPH	CYL	AXIS	SPH	CYL	AXIS	PD	DIST								READ								Name :	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td>Amount</td> <td>.....</td> </tr> <tr> <td>Advance</td> <td>.....</td> </tr> <tr> <td>Balance</td> <td>.....</td> </tr> </table>	Amount	Advance	Balance	Phone :		Date :		Delivery :		Frame 1 :	Lens 1 :	Frame 2 :	Lens 2 :	Frame 3 :	Lens 3 :	Phone	: 09 - 444 626 926, 09 - 963 822 236	Viber	: 09 - 444 626 926
	R.E			L.E																																																					
	SPH	CYL	AXIS	SPH	CYL	AXIS	PD																																																		
DIST																																																									
READ																																																									
Name :	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td>Amount</td> <td>.....</td> </tr> <tr> <td>Advance</td> <td>.....</td> </tr> <tr> <td>Balance</td> <td>.....</td> </tr> </table>	Amount	Advance	Balance																																																		
Amount																																																								
Advance																																																								
Balance																																																								
Phone :																																																									
Date :																																																									
Delivery :																																																									
Frame 1 :	Lens 1 :																																																								
Frame 2 :	Lens 2 :																																																								
Frame 3 :	Lens 3 :																																																								
Phone	: 09 - 444 626 926, 09 - 963 822 236																																																								
Viber	: 09 - 444 626 926																																																								

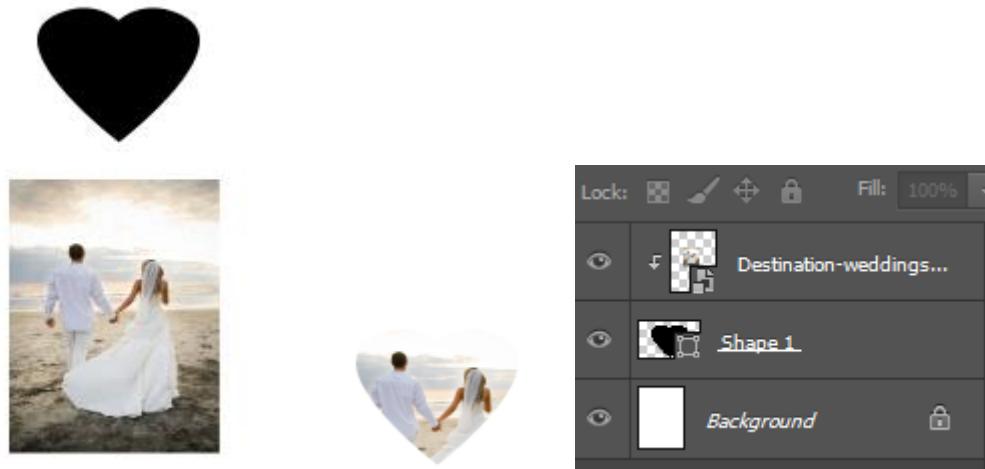
Photoshop Layer masking







Photoshop Vector masking

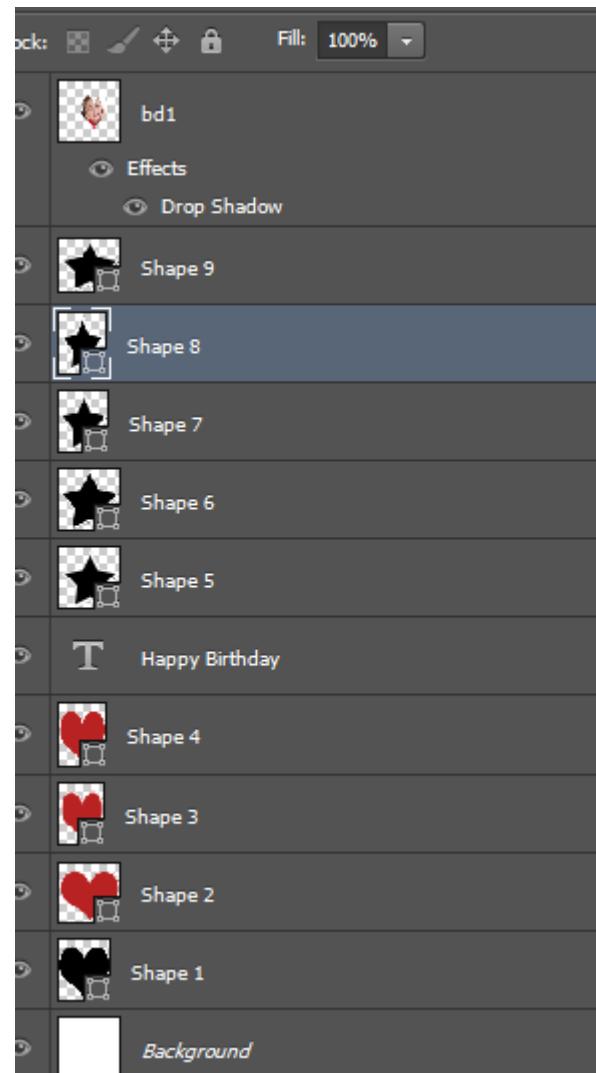
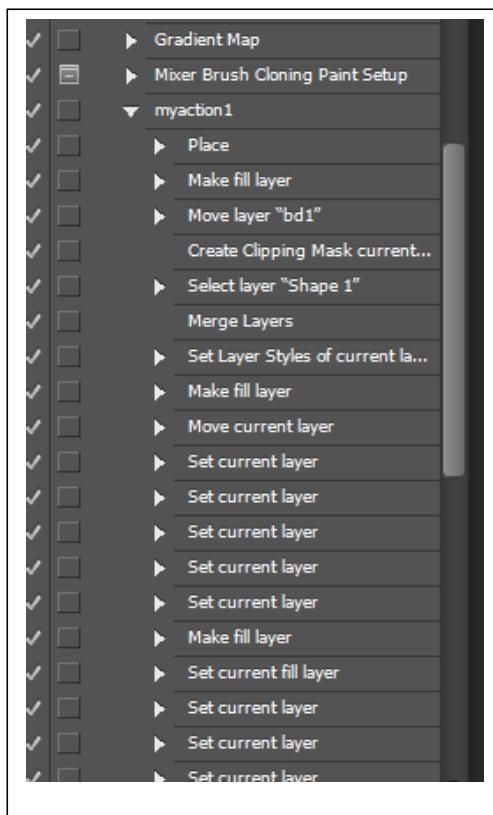
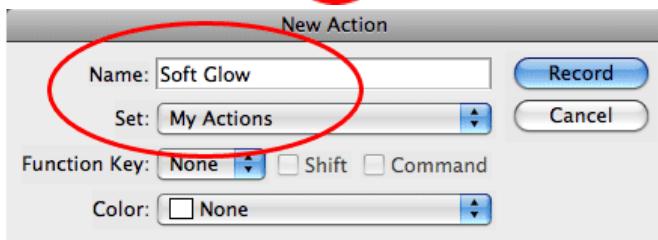
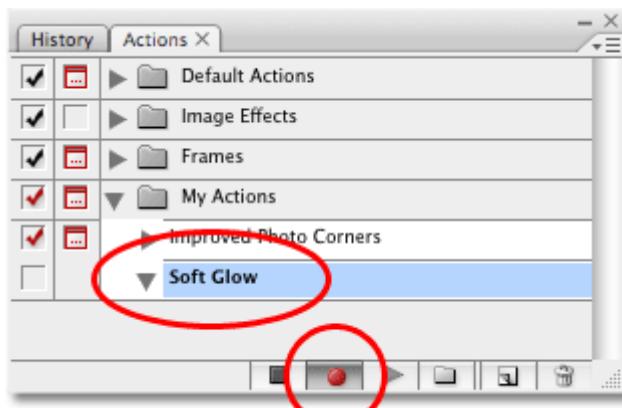


Practice the followings:



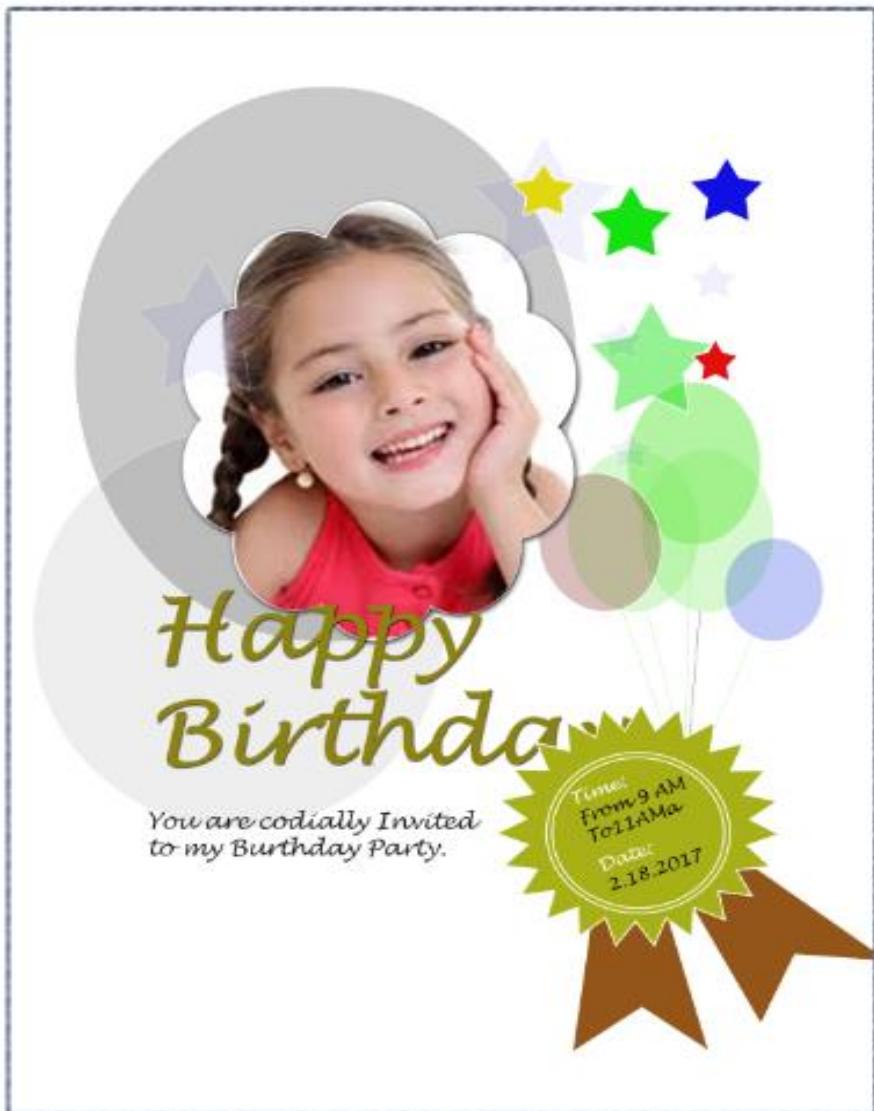
Photoshop Record Action







Do the following exercises



THUKHA

Carton Box & Stationary

5/2, Bayintnaung Housing, 4th street, Hlaing Township.
ph (+95) 09 534 0258. (+95) 09 965 340 258

Customer's Name -

Date

Sr.	Description	Qty	Price	Amount

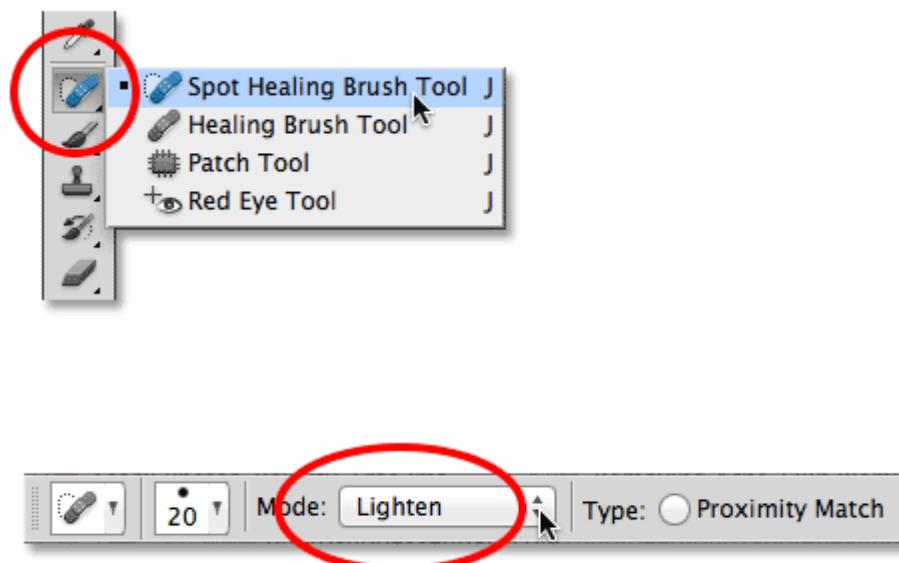
Total

Deposit

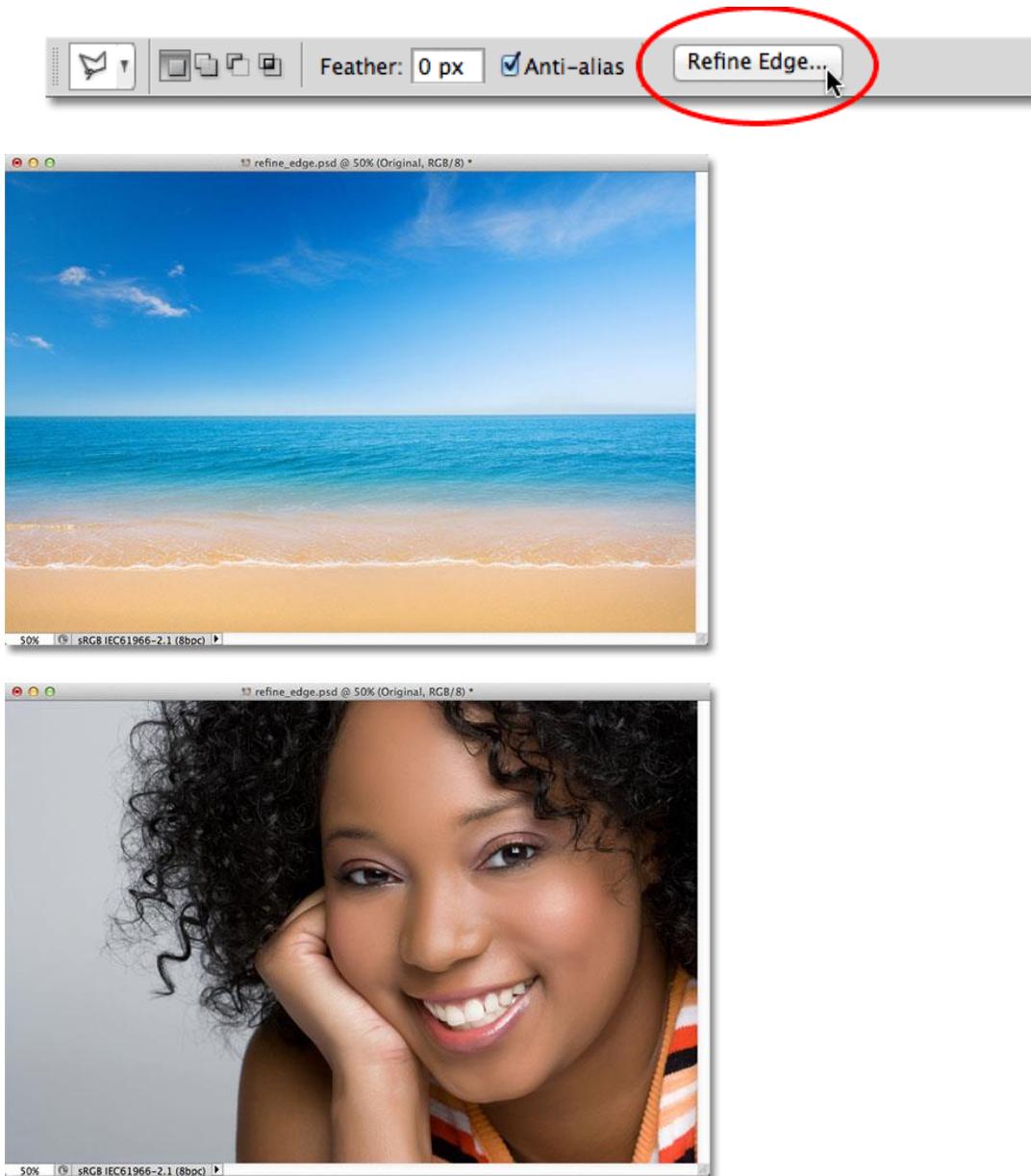
Balance

Signature

Retouch Photos



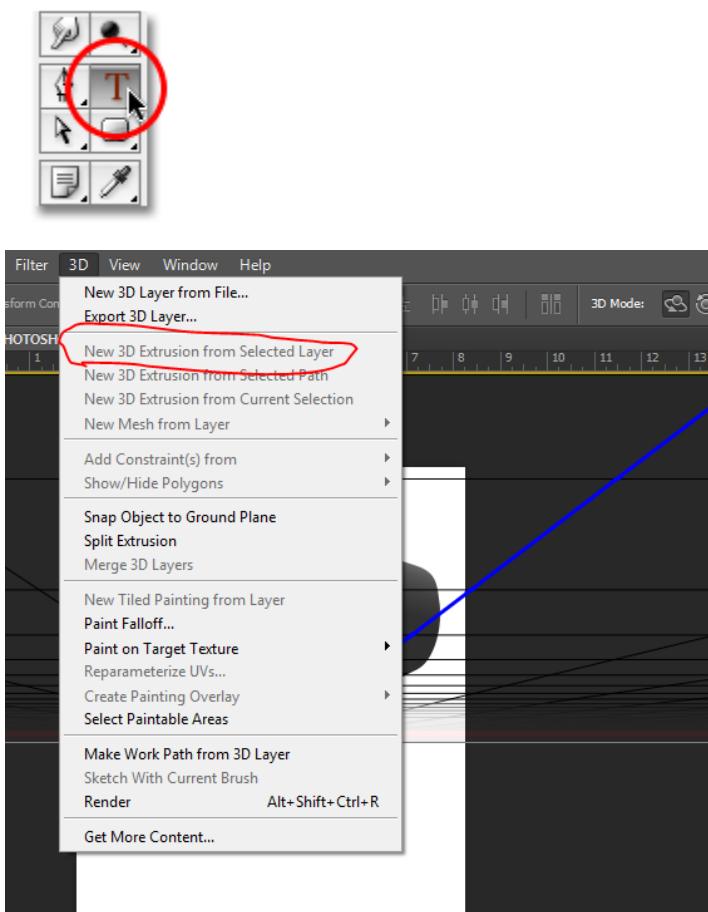
Refine Edge



Final Product



3D Text





PHOTOSHOP

Exercise 1

Diversity Day

* Each Social Studies class has created an original interactive display demonstrating diversity. We'll be awarding prizes to the students based on creativity, originality, and fun. Your entire family is welcome to attend. There will be a donation stand with snacks and beverages.

September 1st, 2013, 6 to 8 p.m.

Varsity High School Gymnasium
234 Academy St, Tampa FL 98105
RSVP to ourschool@example.com
(School website address)

Exercise 2

3 x 2.5 inches



Photoshop Exercises

T-Shirt Designs



Children Clothes



Wallpaper (12x18) inches



**CD Sticker
(4.7 x 4.7 Inches, 0.6 x 0.6 Inches)**



တိရောက်။

Wedding Card



House Warming Card



Flim Design

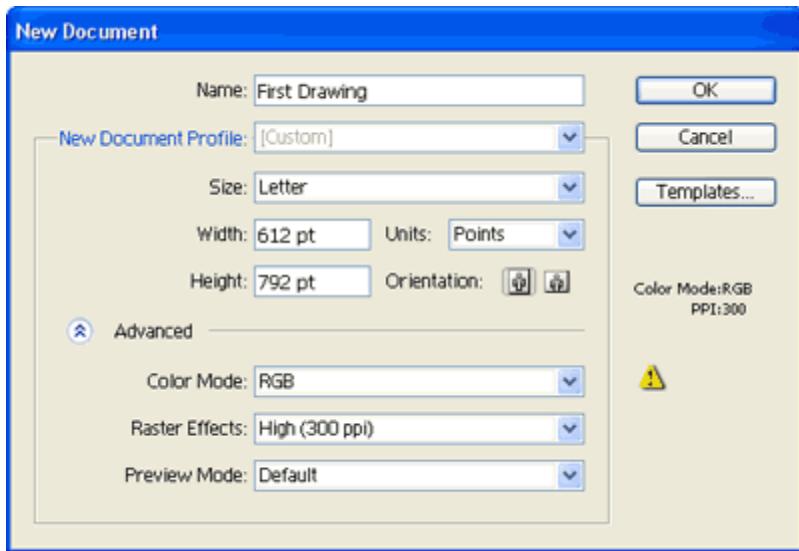


Illustrator



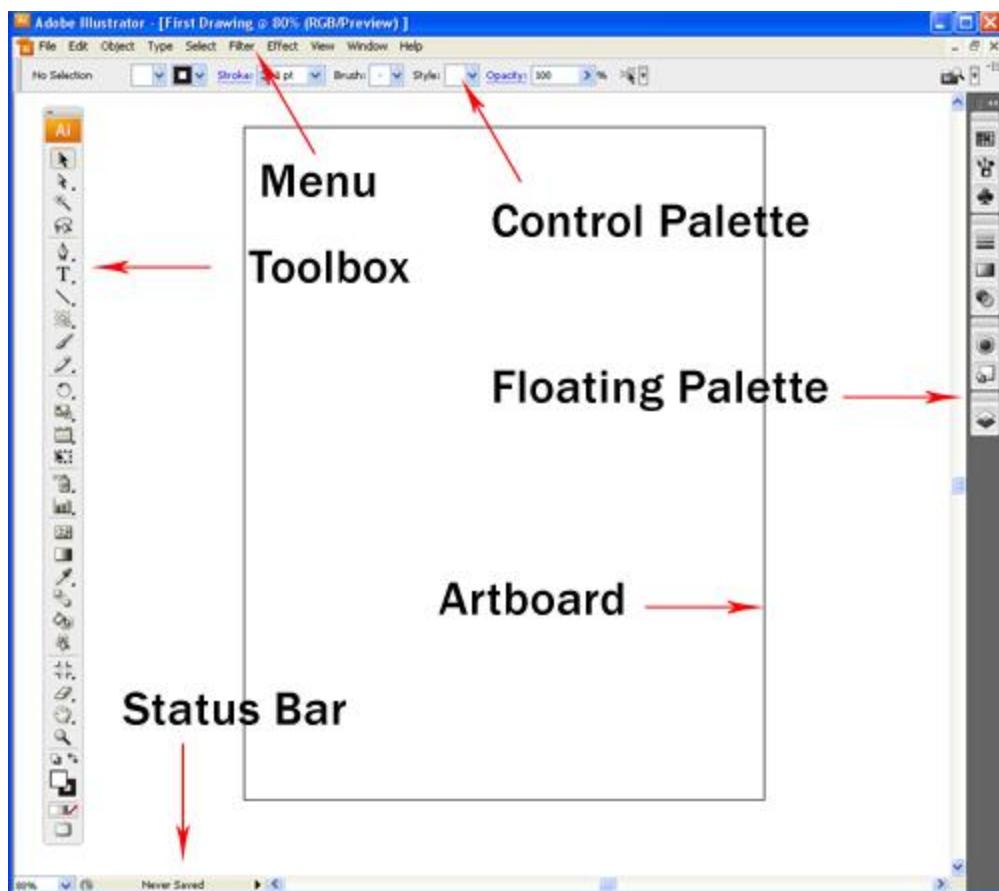
Create New Document

Go File>New Document to create your first document. Type in a Name for the document and click Advanced to select RGB for Color Mode as we will be working for the screen. Click Ok after that.



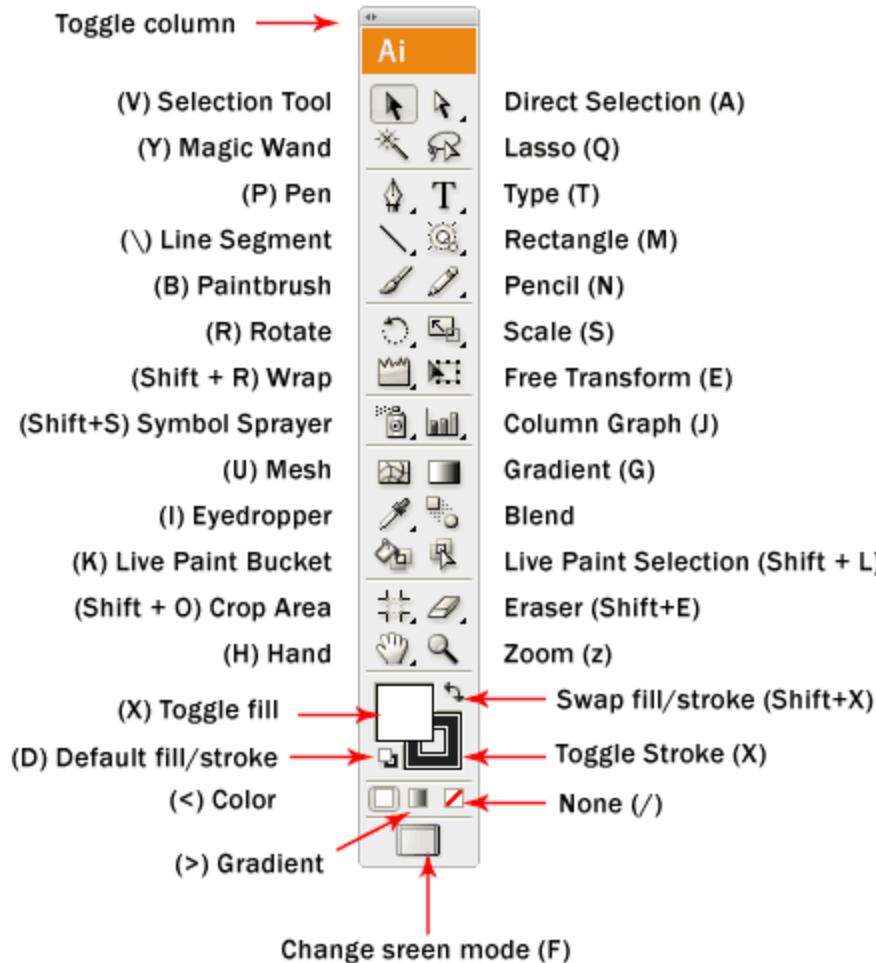
Illustrator Workspace

Below is the workspace and some common terms for calling it. If you are using the latest Adobe Illustrator CS6, you will notice to new design for Floating Palette. The rest looks about the same.



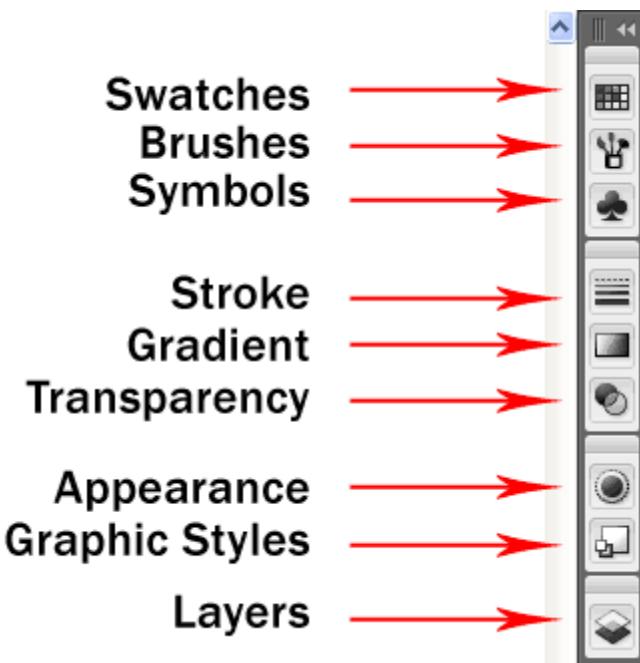
Toolbox

This is the handy toolbox which we will use most often. By default, it comes in one single column as shown in the screenshot above. To switch it back to the old 2 columns toolbox, you can simply click the top left mini arrow to toggle it into 2 columns. Some of the tools like Rectangle have more tools hidden. To expand, just click and hold the icon to reveal all the similar tools under that group.



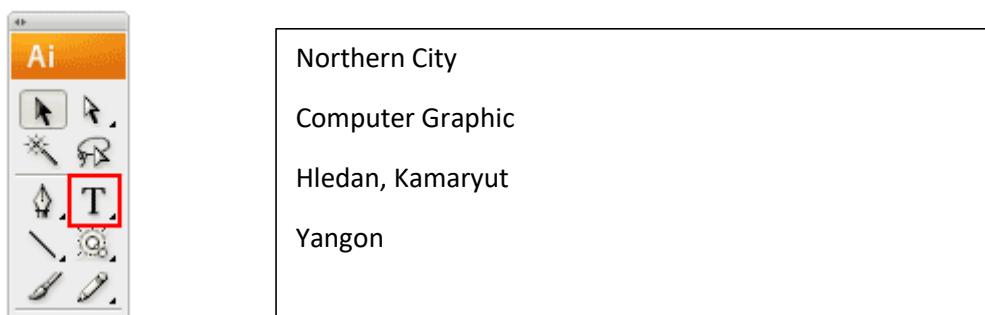
Floating Palette

This is the floating palette which contains properties for our shapes. It is commonly used for changing colors and stroke width.



Saving AI Files

Let's select the type and click on the artboard and type some text. After that go to File>Save. Select Adobe Illustrator(*.AI) for file type and name it "First Drawing". Click Ok after that. Leave the rest of the settings at default. You have successfully save your first file. To make any more changes you can simply open the Adobe Illustrator file.



Drawing Basic Shapes

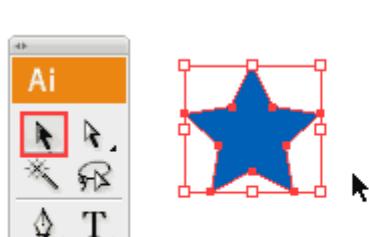
In this lesson, we will look at how to use the shape tools to draw our basic shapes in Illustrator. But before we start, we will look at how to select a basic shape so that you have no problems in selecting and editing shapes in Illustrator.

Selection Tools

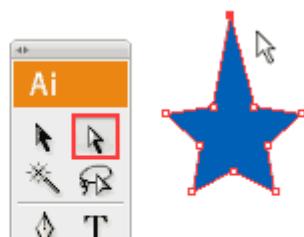
There are 2 types of selection tool in Illustrator used for selection objects.

Selection Tool: Used for selecting and moving a shape. It can also be used to resize a shape.

Direct Selection Tool: Selects a single anchor point instead of the whole shape. Used for editing anchor point of a shape. Click once on a point to select and hold Shift to select multiple anchor points.



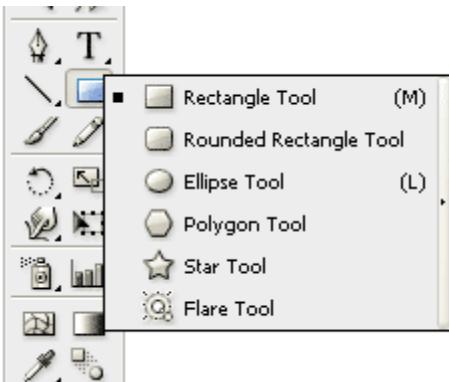
Selection Tool



Direct Selection Tool

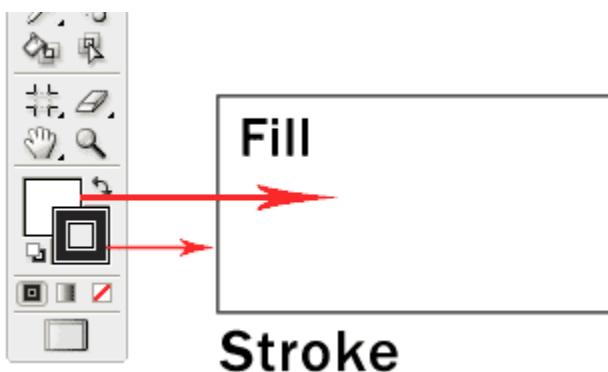
Shape Tools

Now we will move on to the Shape Tools. When you go to the Tool Palette and hold the Rectangle Tool, a list of shape tools will expand out for you to pick. We will start with the default Rectangle Tool.



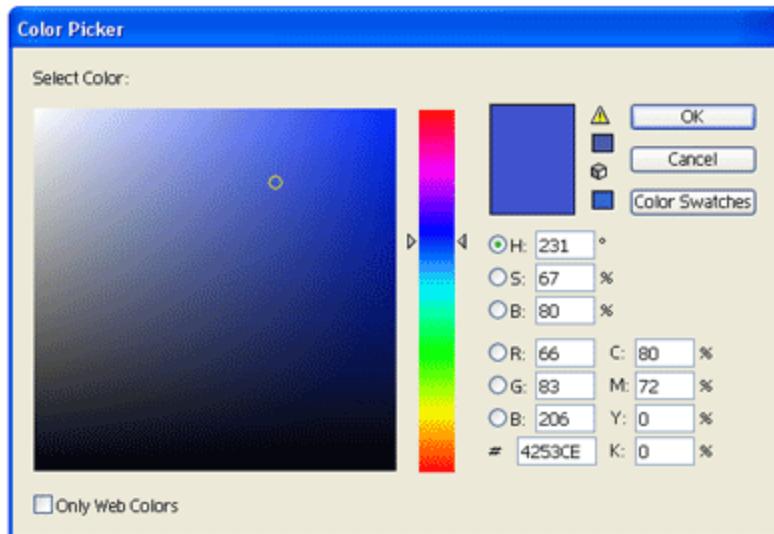
Understanding Fill & Stroke

Click and drag out a Rectangle as shown. By default, it has a white fill and black stroke. (Stroke is the border of the shape)



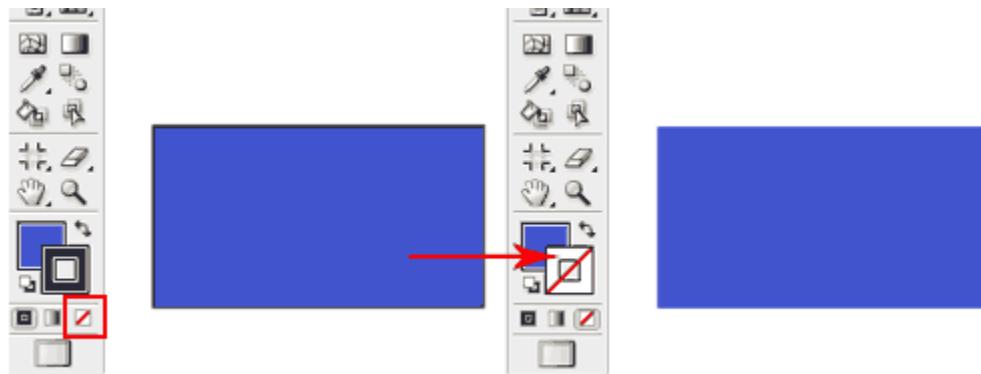
Changing Fill Color

Let's start changing the fill color for the rectangle. Double click the Fill from the Tool Palette. It will pop up the Color Picker. Drag the slider to blue and select a deep blue color. Click Ok after that.



Removing Stroke

Click the Stroke in the Tool Palette once to swap it above Fill. Click the None icon boxed up in red to set the Stroke to None. The black stroke will disappear.



Constrain Proportions

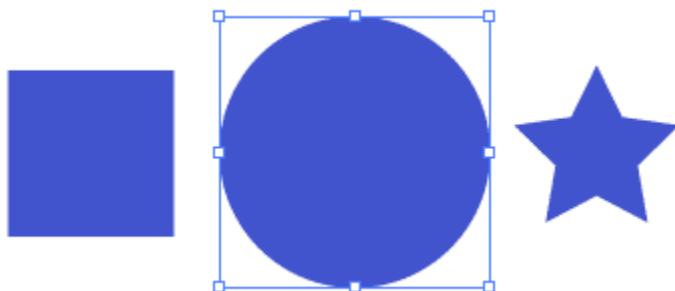
To draw a perfect square, we will select the Rectangle Tool. Hold Shift and drag to draw a square. Same for the circle, we will select the Ellipse Tool and hold Shift to drag out a circle.



Hold Shift to constrain proportion

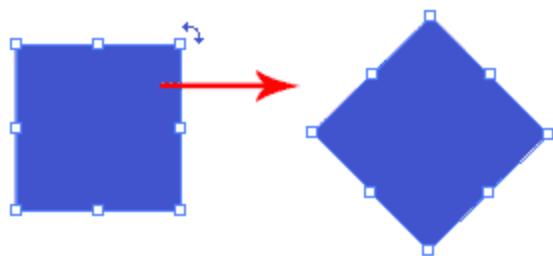
Resizing Shapes

To resize shapes, select the shape using the Selection Tool and a bounding box will appear. Drag the corner anchor point to resize it. To constrain to proportion while resizing, hold Shift as you resize. Also hold Alt/Option if your want to resize from the same position.



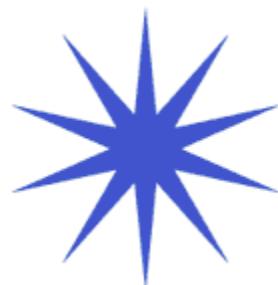
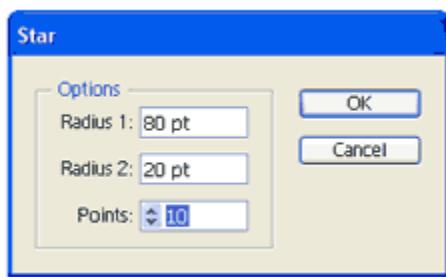
Rotating Shapes

Select the shape with the Selection Tool and a bounding box will appear. Move your cursor near the anchor corner and a rotation icon will appear, click and turn it to rotate the square. To snap at 45 degrees increment, hold Shift and turn.



More Options for Shape Tools

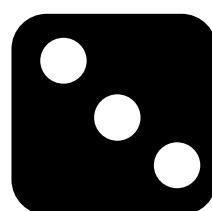
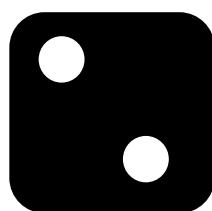
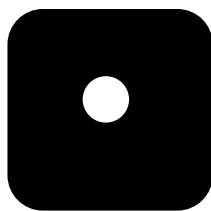
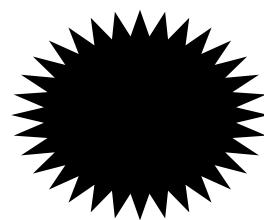
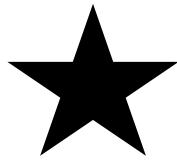
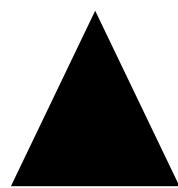
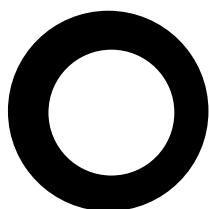
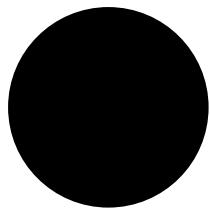
Select the Star Tool. Click once on the artboard and an option will pop up. Enter the same values below and click Ok. It will draw a star burst shape. This method can be used to bring out more options for shape tools.

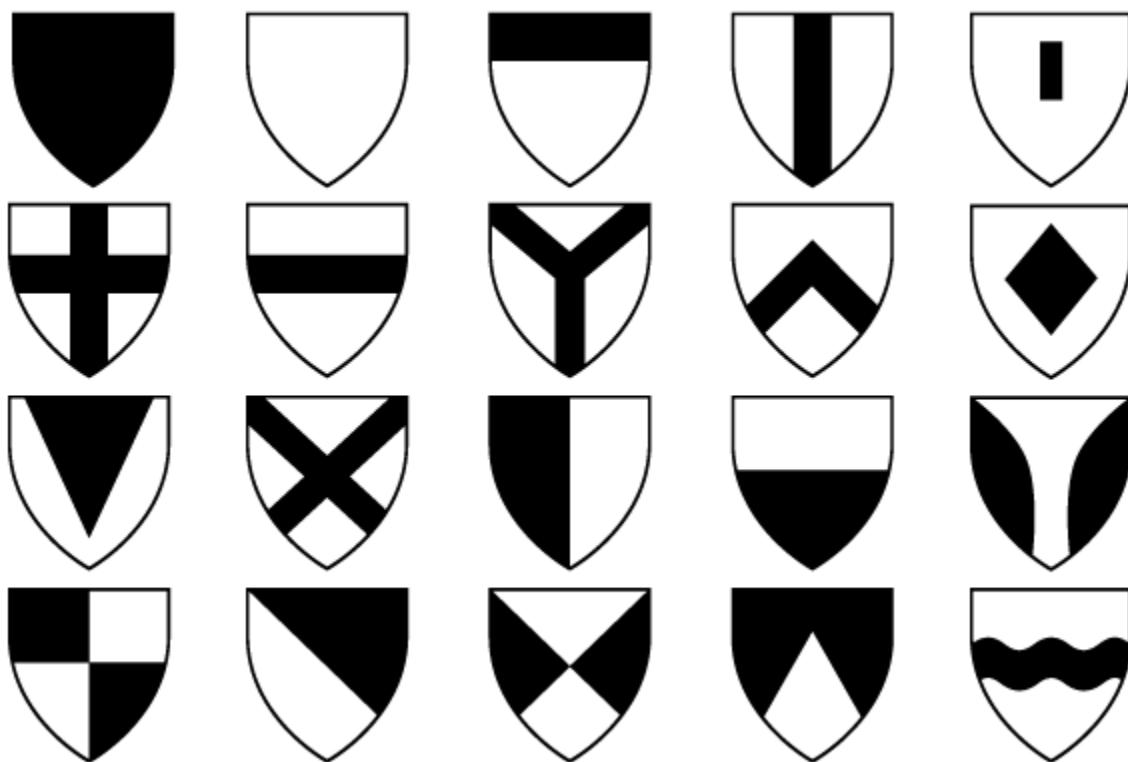
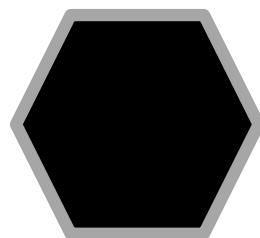
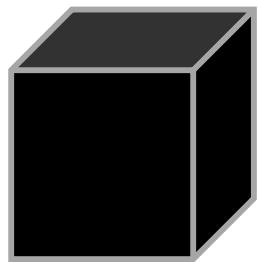
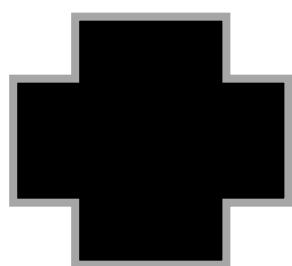


Conclusion

Almost all the objects found in our daily life can be built from combining using the basic shape tools. In Day 9, we will learn about Compound Paths which will help us create more complicated shapes by adding and subtracting from the basic shapes.

Do the following Exercises





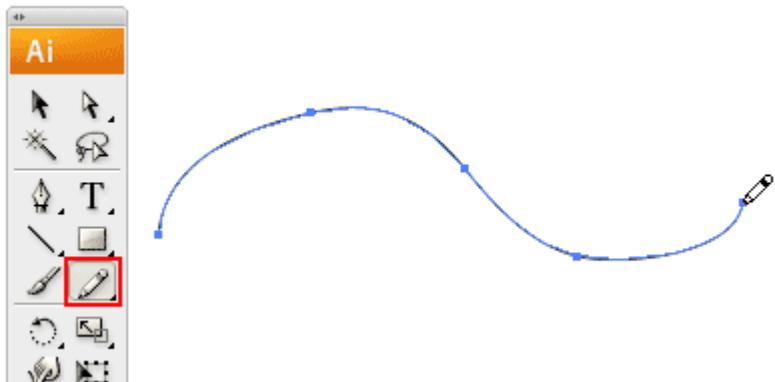


Drawing with Pencil Tool

We can quickly draw shapes and lines quickly using the Pencil Tool. This lesson will show you some of the tricks in drawing smooth and fluid lines.

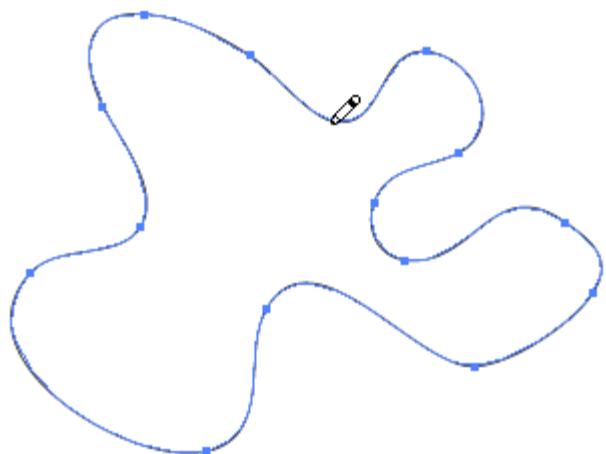
Drawing a Line

Select the pencil tool and click and drag to draw a free hand line drawing.



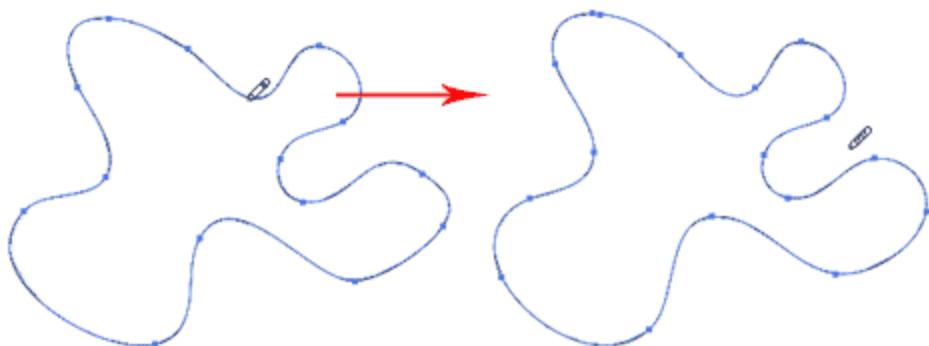
Closing Paths with Pencil Tool

To close a path, hold Alt/Option as your Pencil Tool reaches the start point. A circle icon will appear next to the Pencil Tool to indicate path closure.



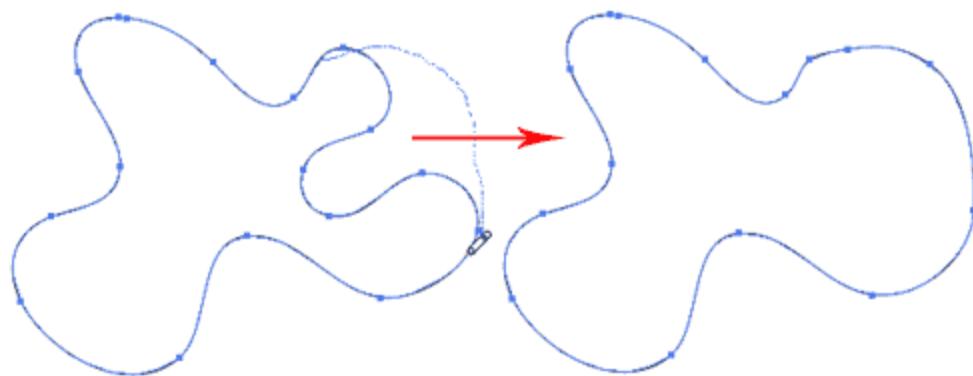
Smoothing Jaggy Lines

Normally when you draw with the Pencil Tool, the path looks jaggy. To smoothen the parts that are jaggy, simply hold Alt/Option to turn the Pencil Tool to Smooth Tool. Then draw over the the area of the lines which you would like to smoothen.



Reshaping Path

To reshape a path, make sure your path is selected and use the Pencil Tool to redraw the parts you would like to reshape. Note that the start and end path must be close to the original path to make it work.

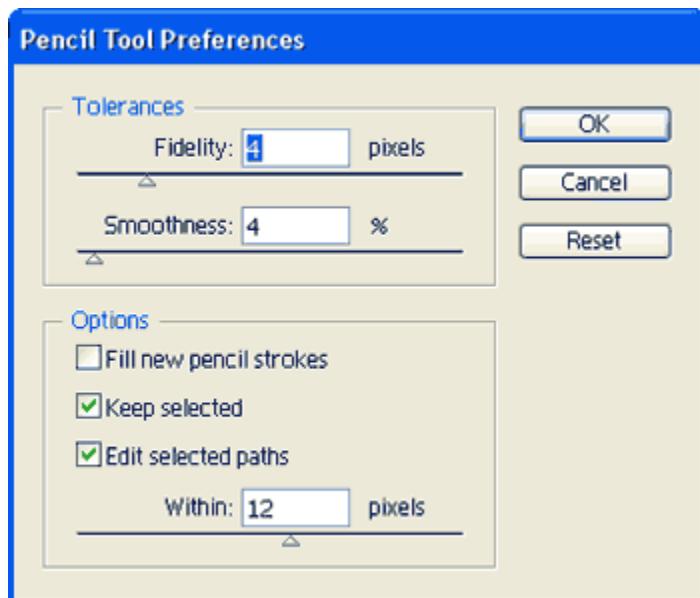


Pencil Tool Preferences

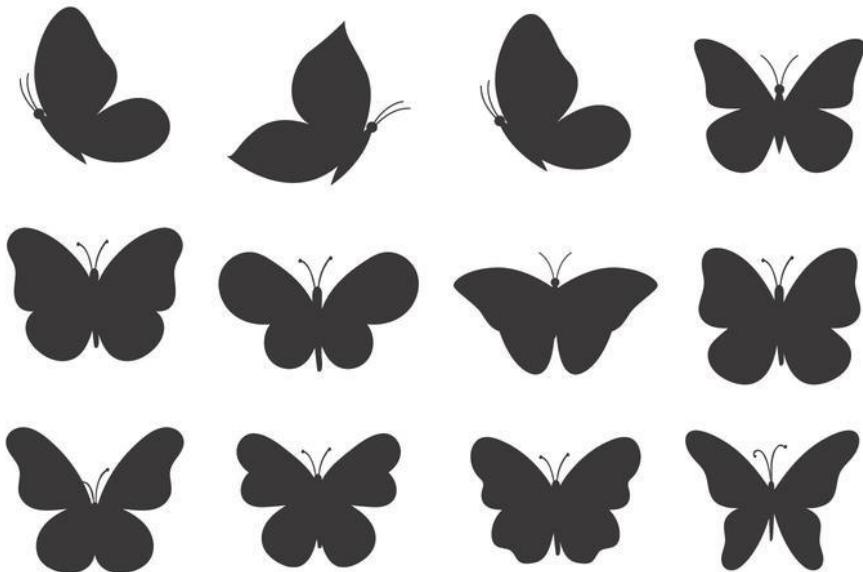
You can turn on the Pencil Tool Preferences by double clicking on the Pencil Tool. You can change the fidelity and smoothness to find a combination that works for you.

Fidelity: Determines how close the path is drawn to your mouse movement. Set it at a higher fidelity if you're not good at drawing with your mouse.

Smoothness: The higher you set for smoothness, the less anchor point it produces. Thus, producing a smoother line.



Do the following Exercises



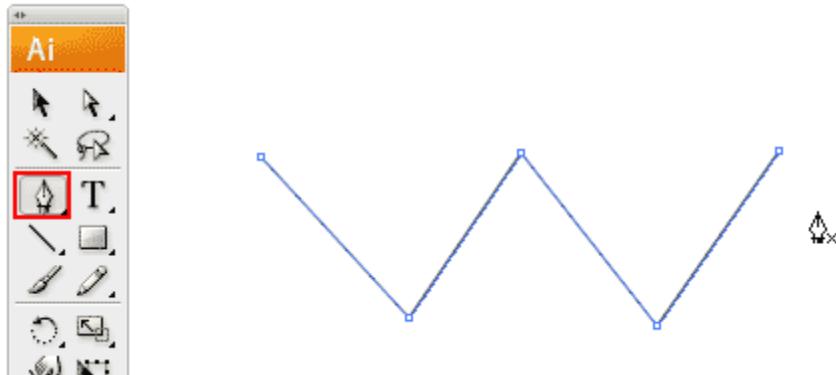
Drawing with Pen Tool

The Path Tool will be the hardest tool to learn in Illustrator. It usually take weeks to learn and beginners always end up in frustration while figuring how it works. So don't give up and practice it every day and soon you will be able to draw any shape.

Drawing Straight Lines

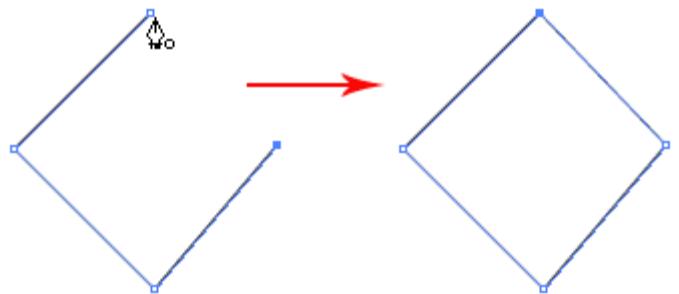
Select the Pen Tool and click once to add the first anchor point. Move your mouse to the next position and click again to create the second point. The two anchor points will be connected together. Continue doing this to create a W shape as shown. To draw a

new line, click the Selection Tool(The Black Arrow Icon) and click back the Pen Tool again.



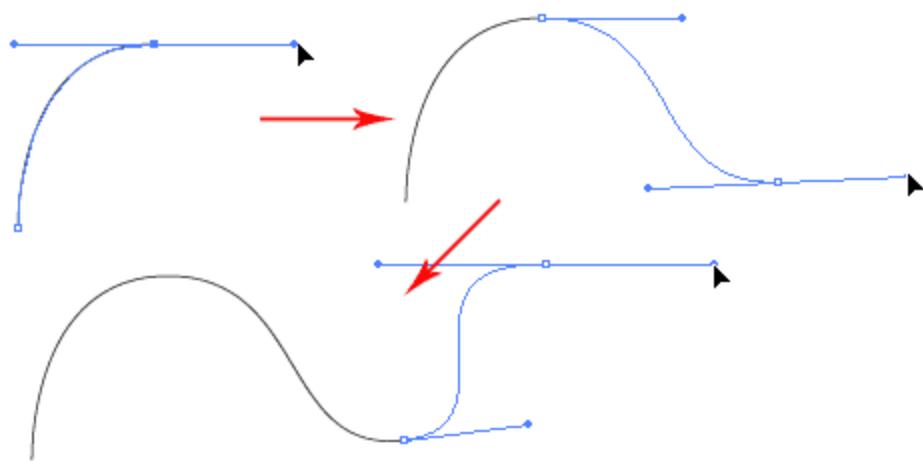
Closing a Path

To close a path, click back the starting point to close the shape.



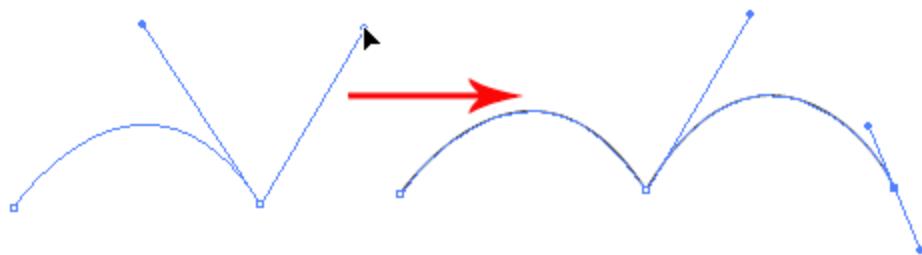
Drawing a Curved Line

Click and drag to put out the handles to create a smooth anchor point.



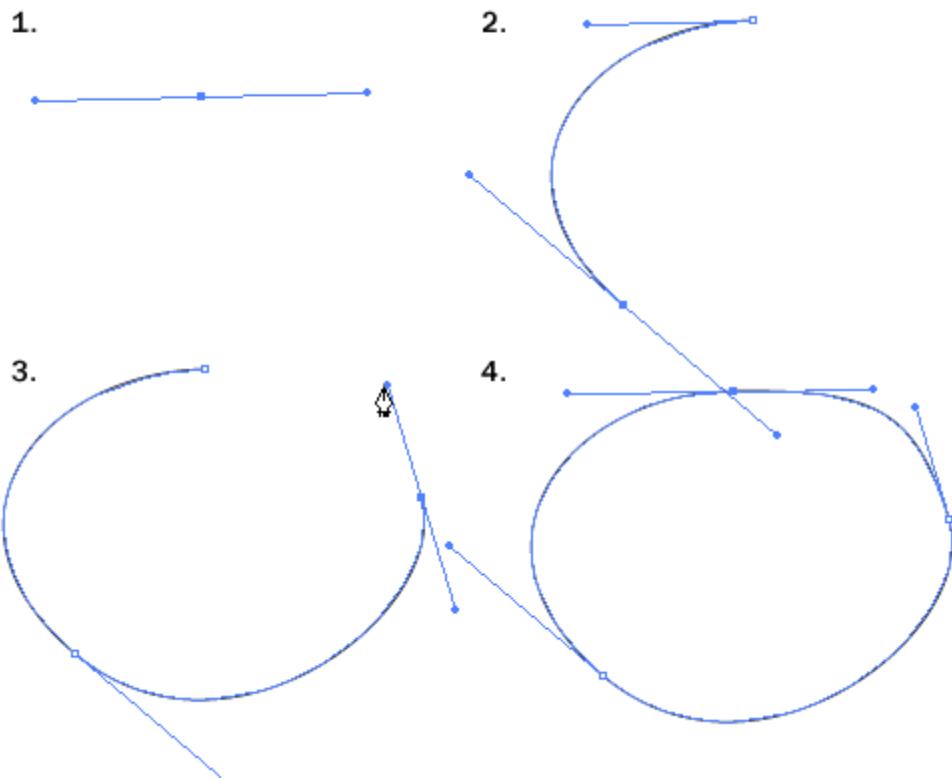
Changing Path Directions

Click and drag to create a smooth anchor point. Without releasing your mouse, hold Alt/Option and drag the handle up to change the path direction.



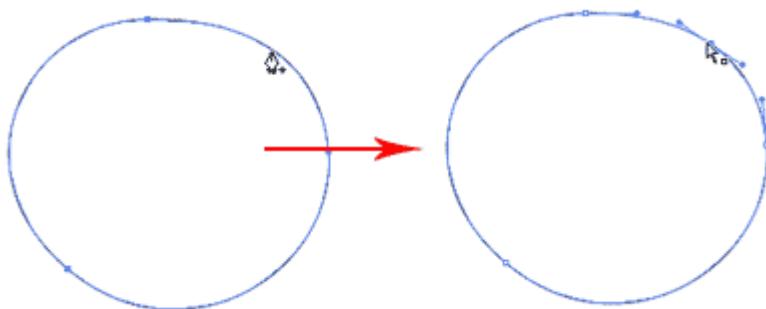
Drawing a Circular Path

Click and drag to create a smooth anchor point. Continue adding points and click back the starting point to close the path.



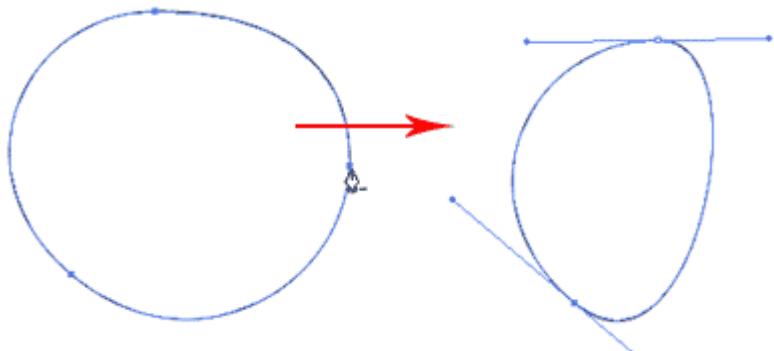
Adding Anchor Points

With the Pen Tool selected, go near the path where you want to add a new anchor point. A plus sign will appear next to the pen, click on the path to create a new anchor point.



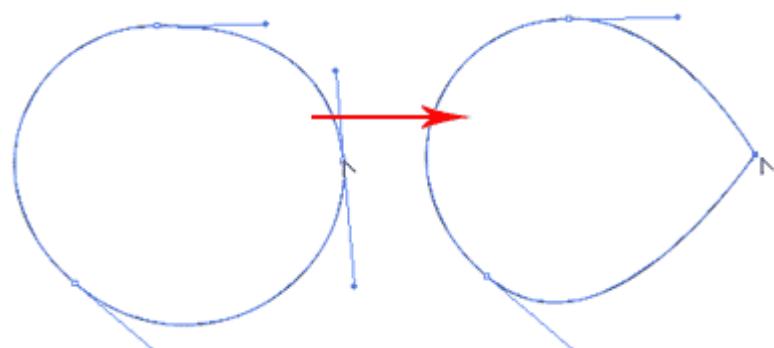
Removing Anchor Points

To remove point, move your Pen Tool close to an anchor. A minus sign will appear next to the pen. Click on the anchor point to delete it.



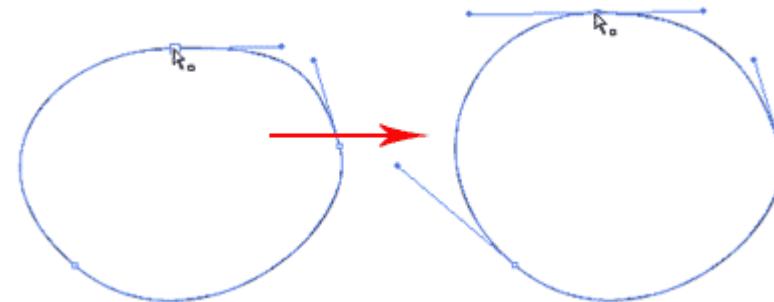
Converting Anchor Points

To convert a smooth anchor point to a sharp anchor point, move your Pen Tool near the anchor and hold Alt/Option and your Pen Tool will change to an arrow shape. Click on the smooth anchor to convert it to an anchor point. Click and drag on the anchor point again to change it back to a smooth anchor point.



Moving Anchor Points

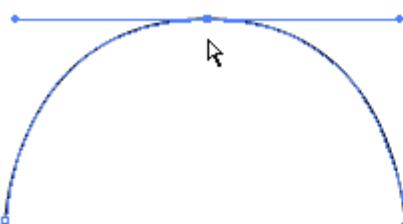
Select the Direct Selection Tool and click and on anchor you want to move. Click and drag to change positions.



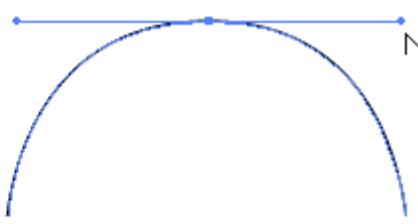
Changing Anchor Directions

With the Pen Tool, you can quickly change the anchor directions. Hold Ctrl/Command to quickly change the Pen Tool to Direction Selection Tool. Select the anchor point you want to edit. The anchor handle will appear. Now release Ctrl/Command and hold Alt/Option to change it to Convert Anchor Tool. Click and drag the handles to change the direction.

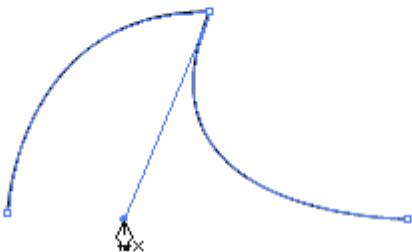
1.



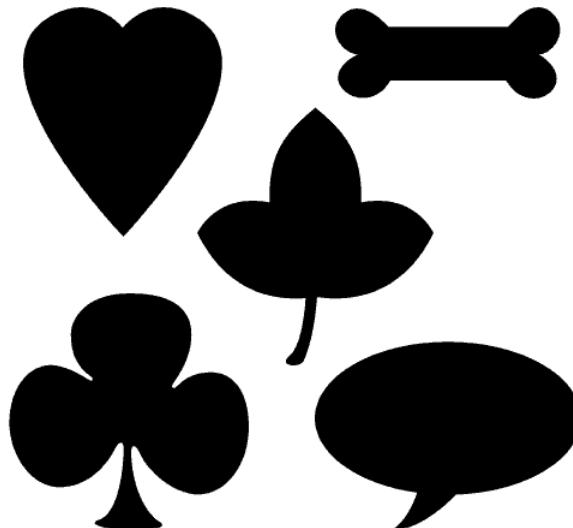
2.



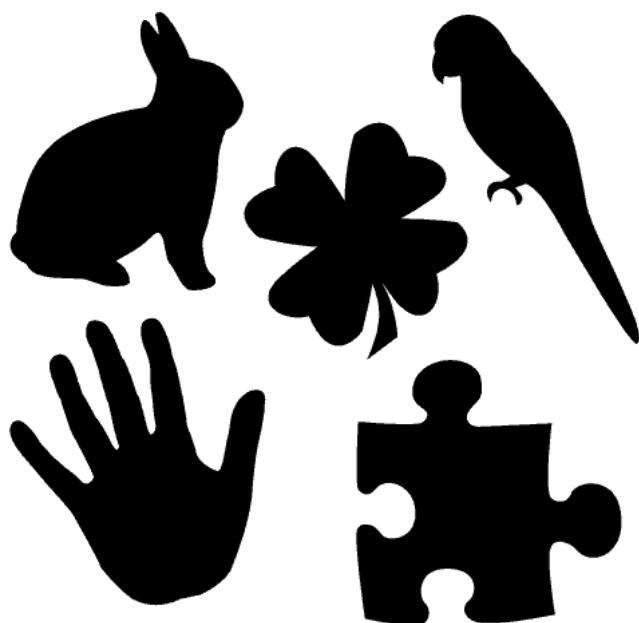
3.



Do the following Exercises



Basic Shapes



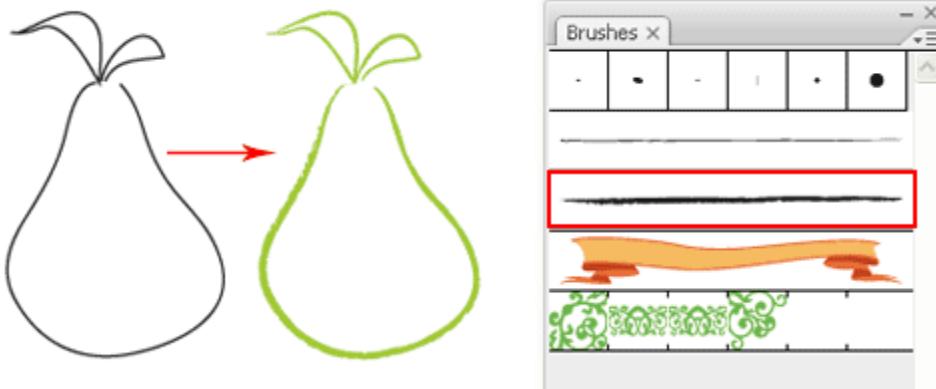
Complicated Shapes

Using Brushes

Using the Brush Tool, you can add styles to your lines. It can also be used to mimic calligraphy, crayon and brush strokes. This will help you add more life to your line works.

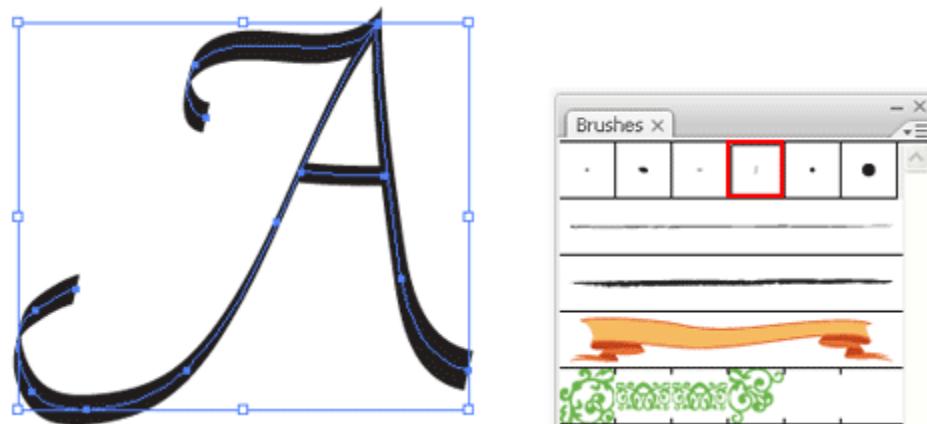
Applying Brush Stroke

Select the Brush Tool and draw your object. Then go to your Brushes Palette and select the crayon brush to apply the effect.



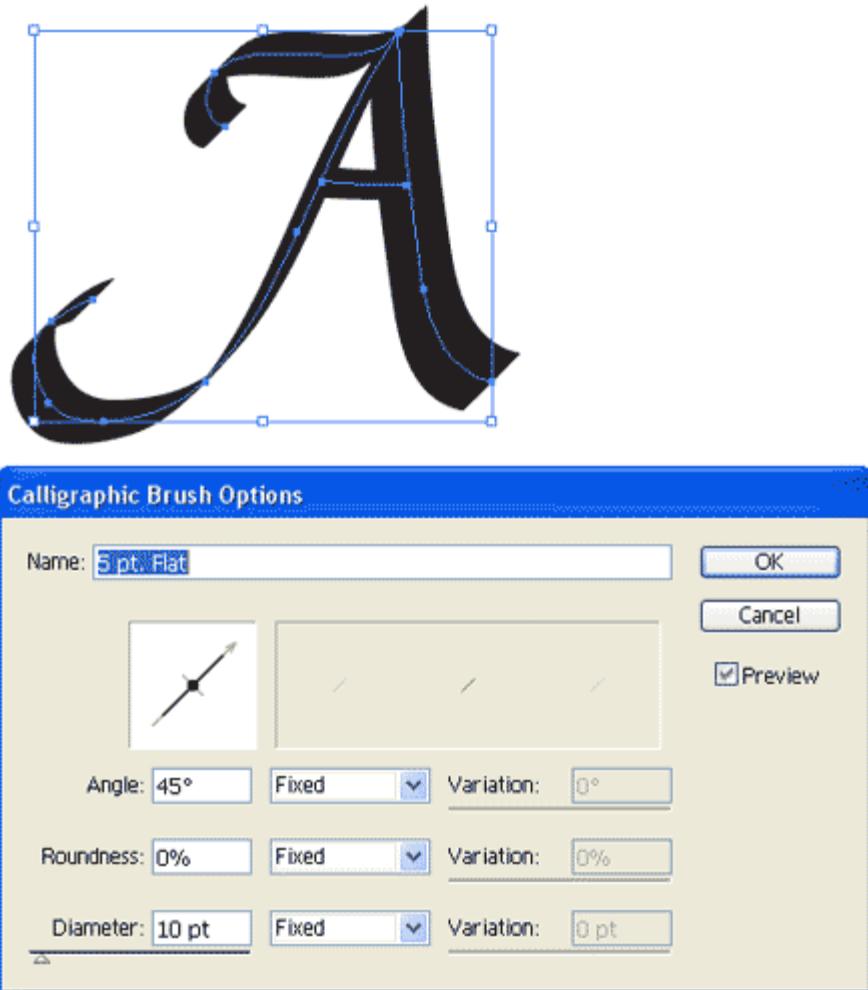
Calligraphy Brush Stroke

To apply a calligraphy brush stroke, draw your path and select the calligraphy brush. Increase the Stroke to make it thicker.



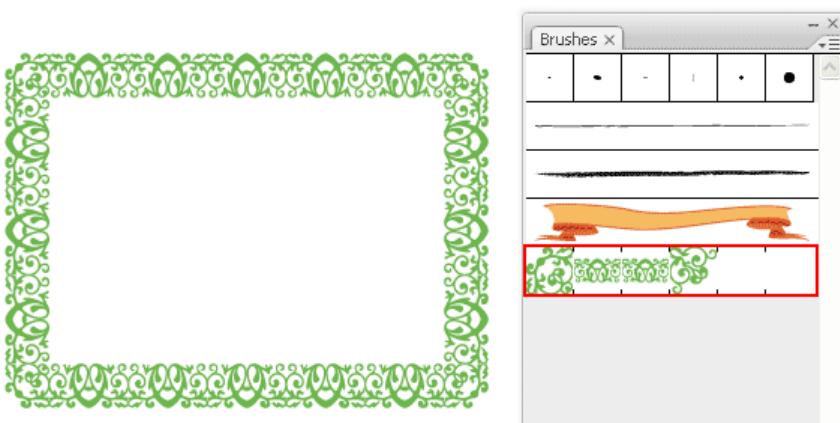
Calligraphy Brush Options

To make changes to your calligraphy brush, you can double click the Calligraphy Brush to pop up the calligraphic brush options. Drag the brush to change the angle in the thumbnail. Change the Diameter makes it thicker.



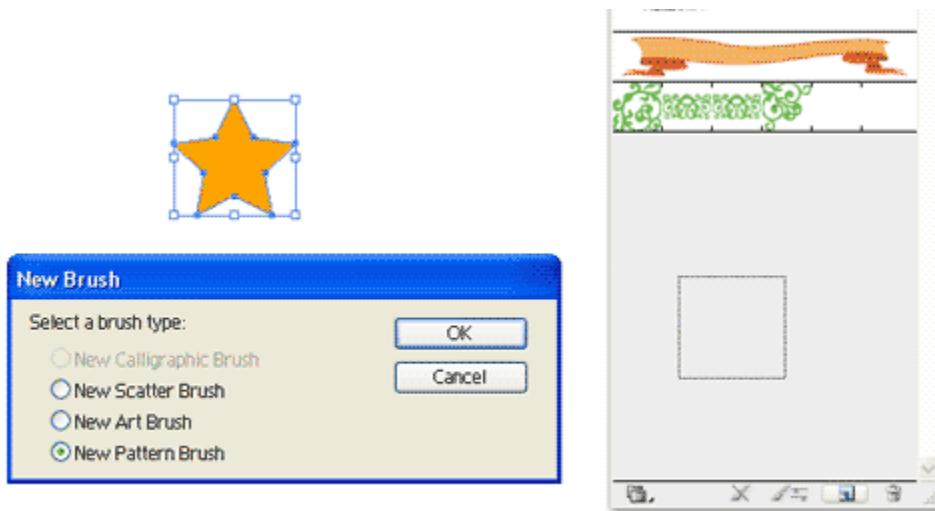
Create a Border Pattern

Draw a rectangle and pick the border pattern. This will create a frame for it.



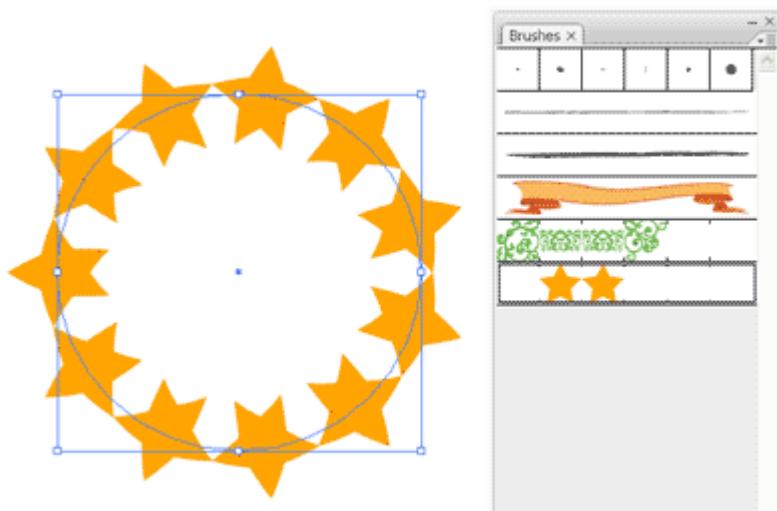
Creating a New Pattern Brush

To create a new brush. Draw a Star and drag it to the Brushes Palette. A New Brush selection appears. Choose New Pattern Brush for it.

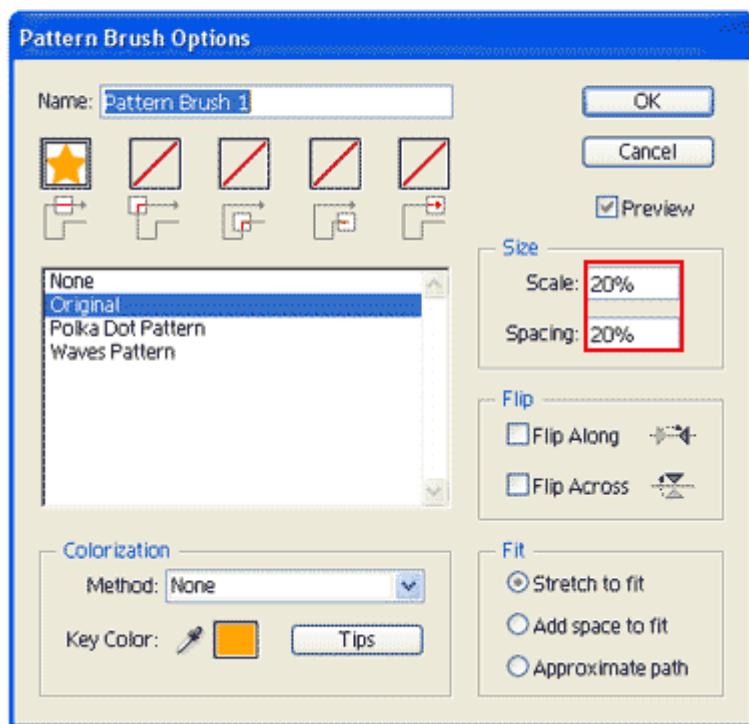


Applying Pattern Brush

Draw a circle and apply our new brush stroke.



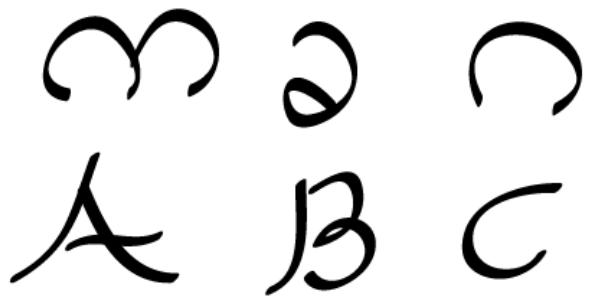
Next draw a line path and apply the brush stroke. Double click the star brush from your brushes and set Scale and Spacing to 20% to get the effect below.



Brushes are very good for aligning objects and creating borders. So experiment with it and have fun!

Do the following exercises

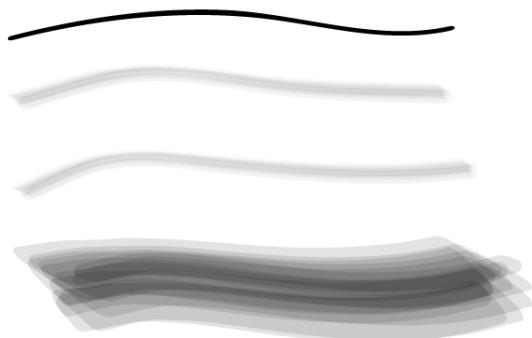
Calligraphic brush



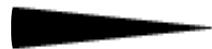
Scatter Brush



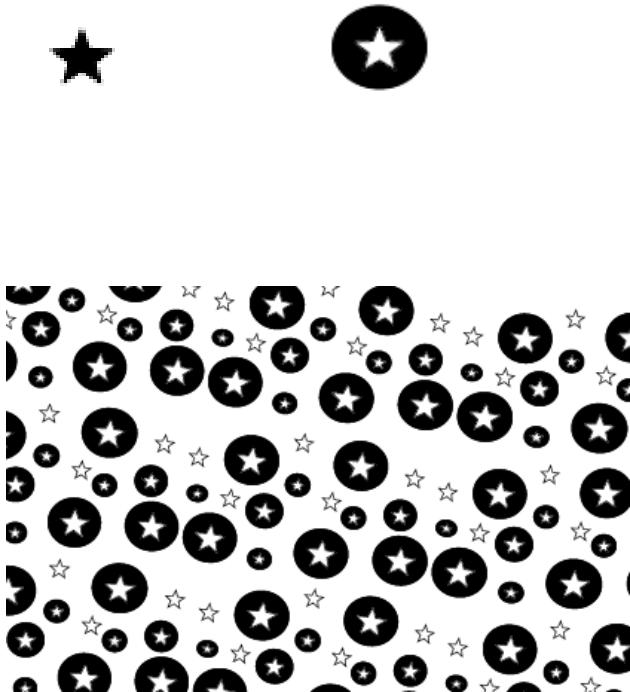
Bristle Brush



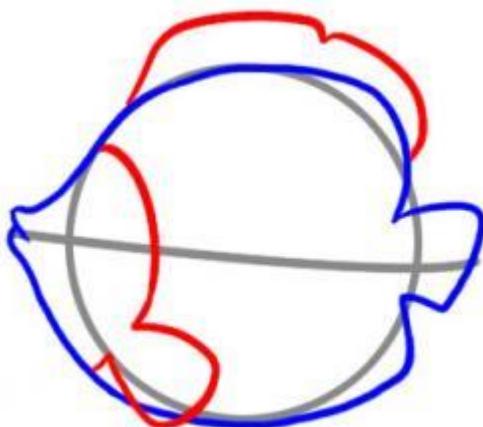
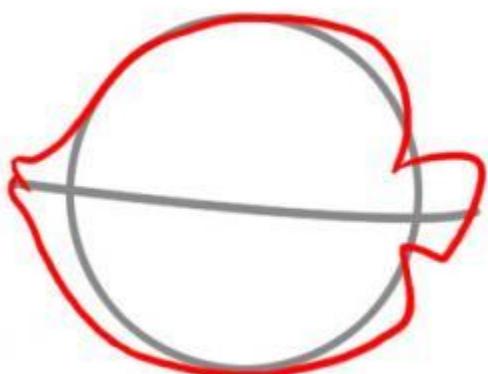
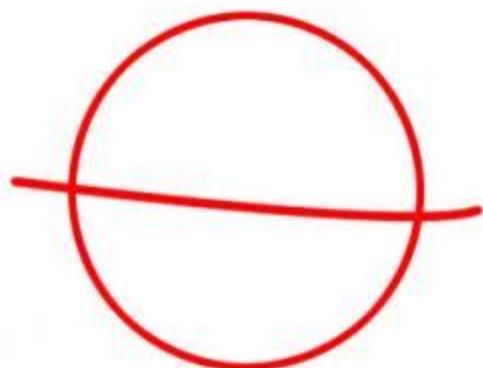
Art Brush

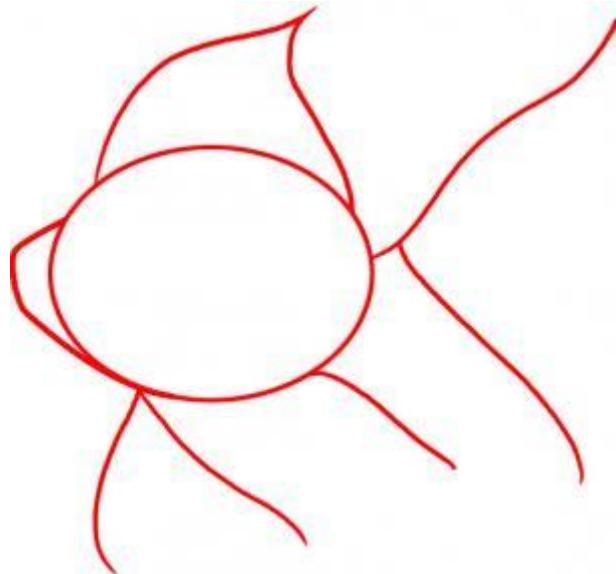
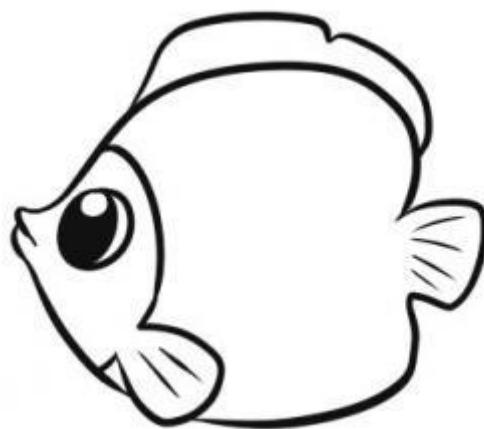
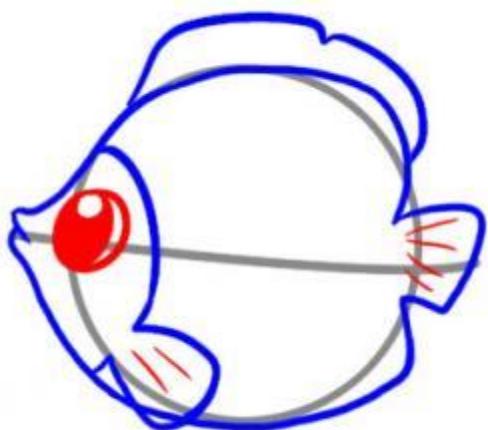


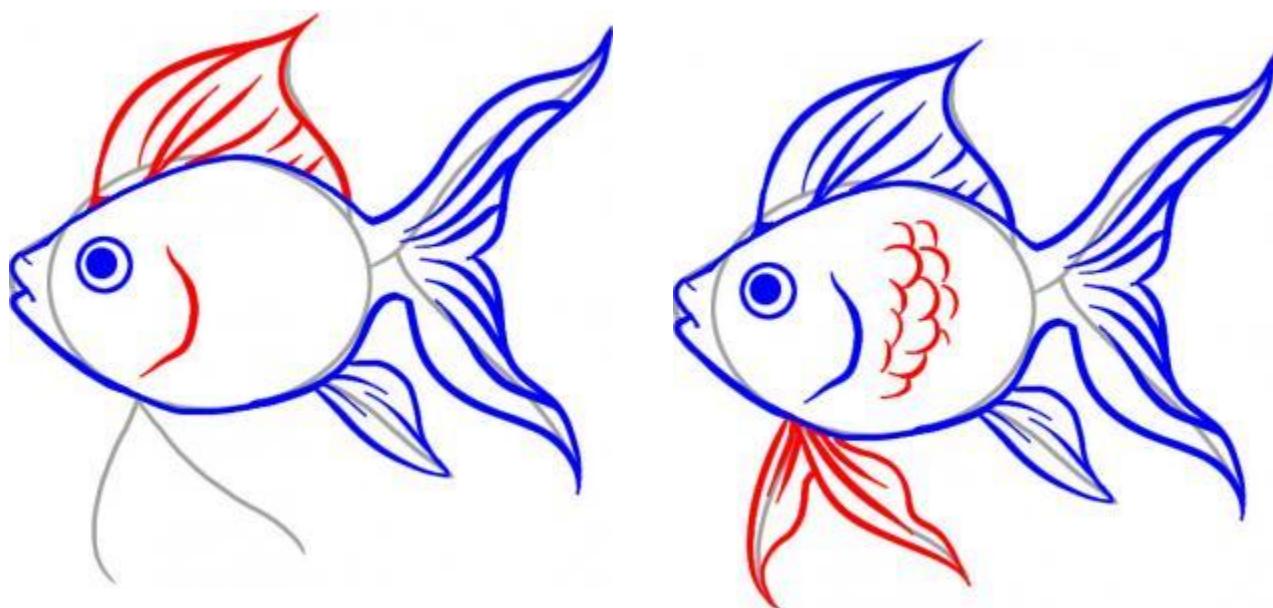
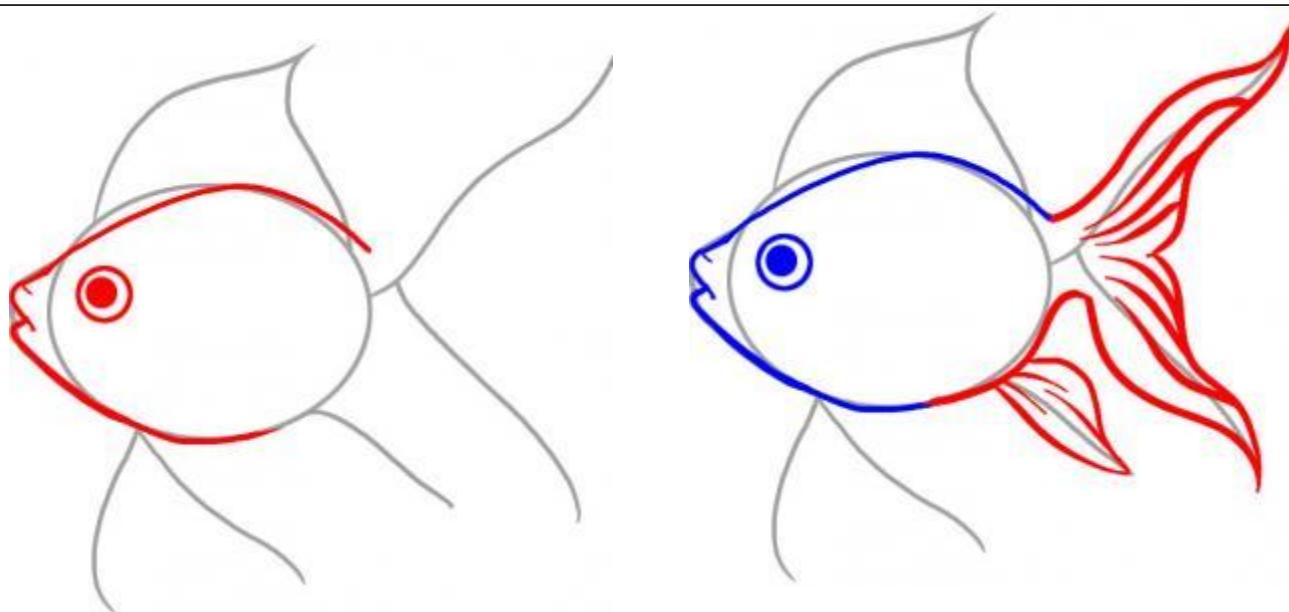
Pattern Brush

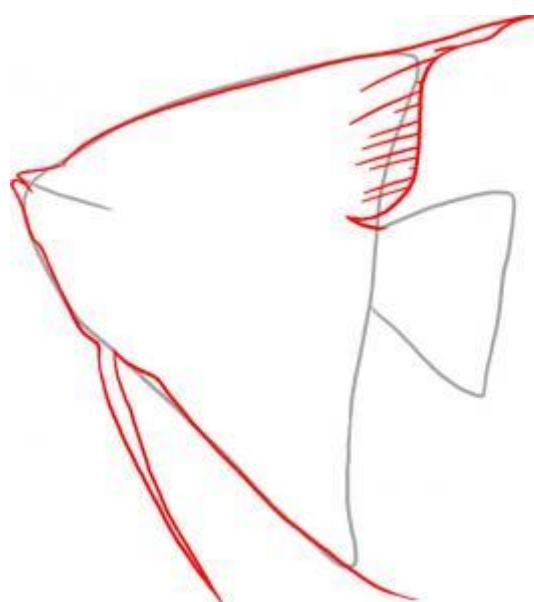
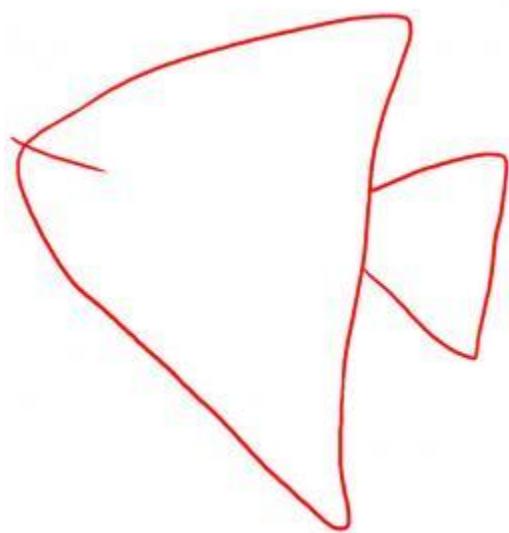
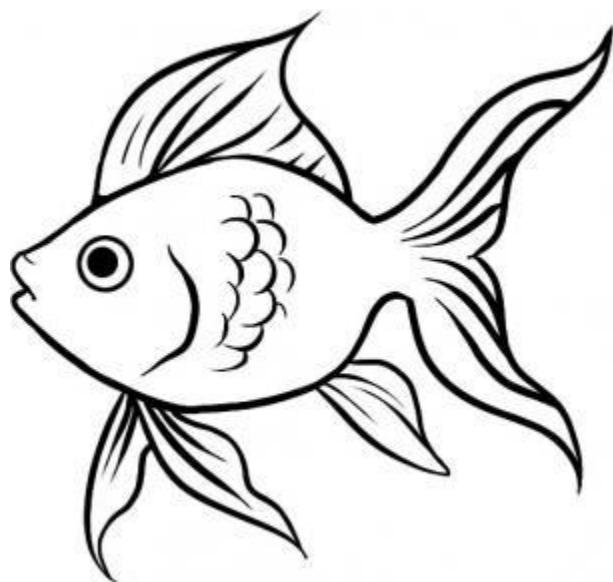


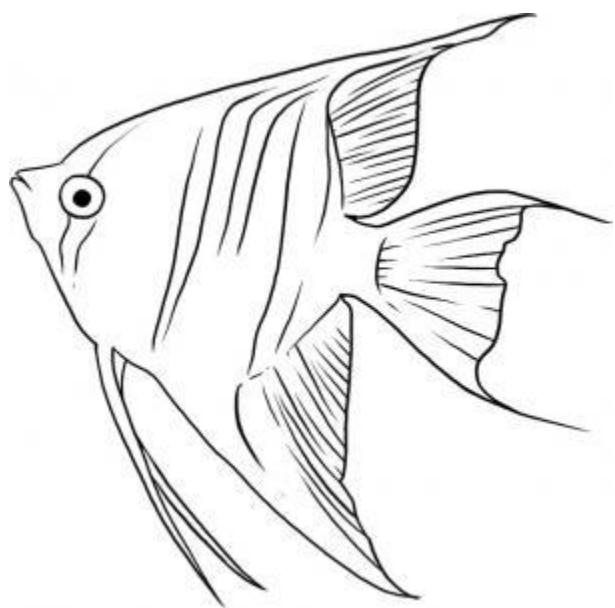
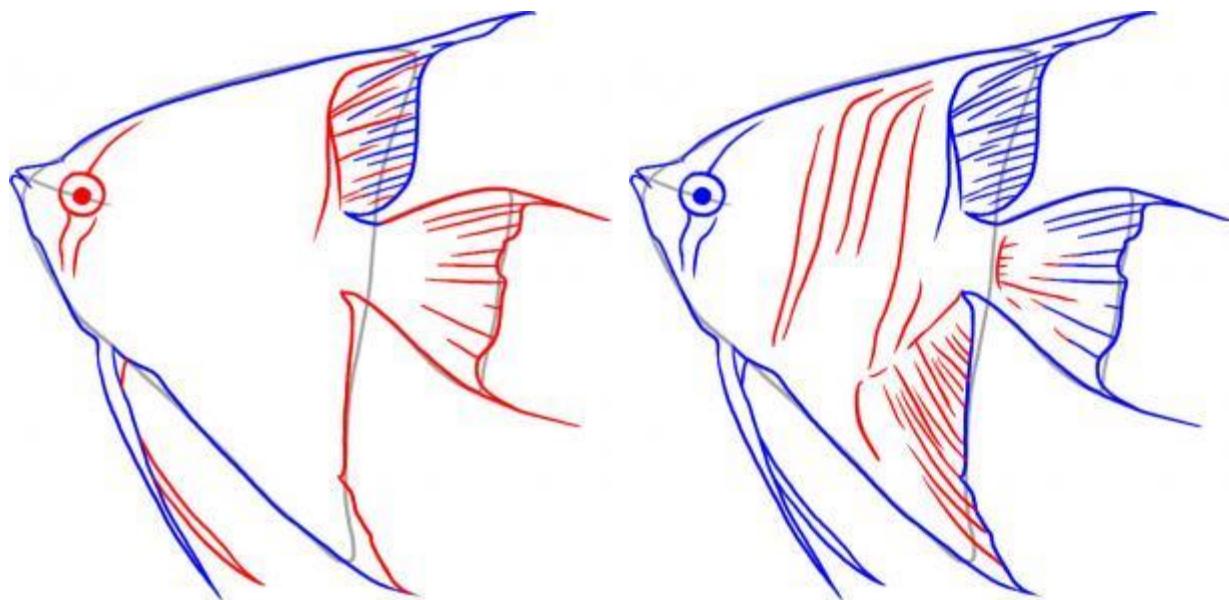
Illustrator Exercise





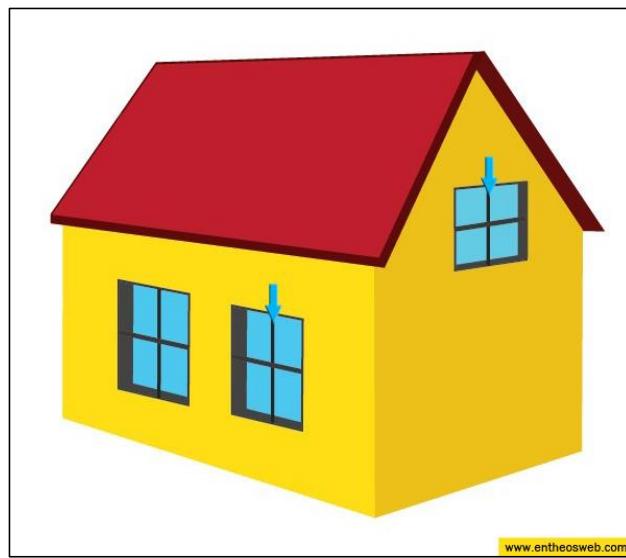
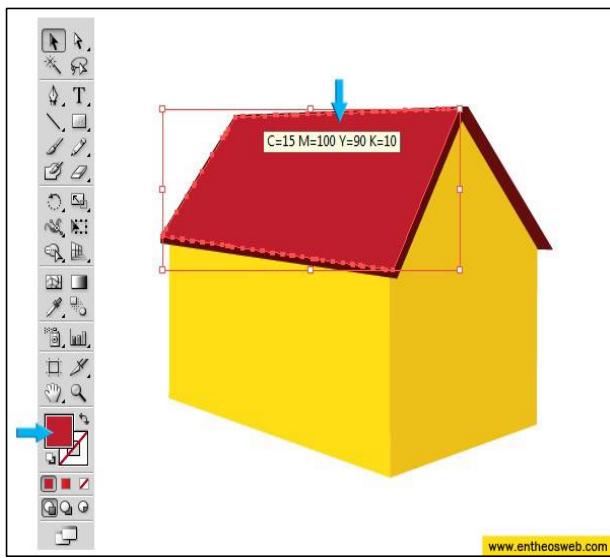
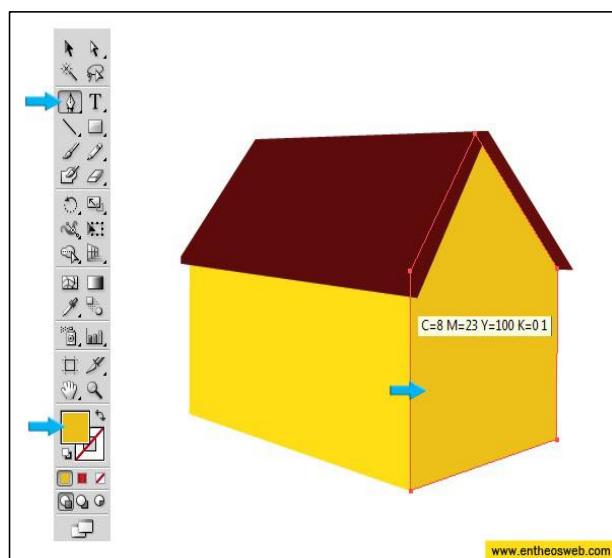
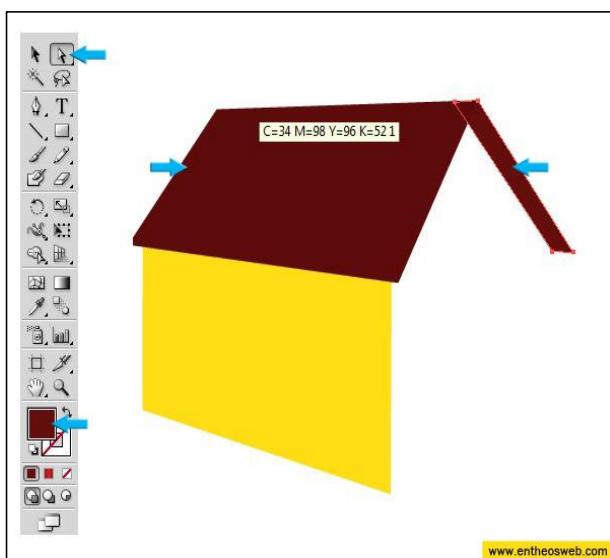


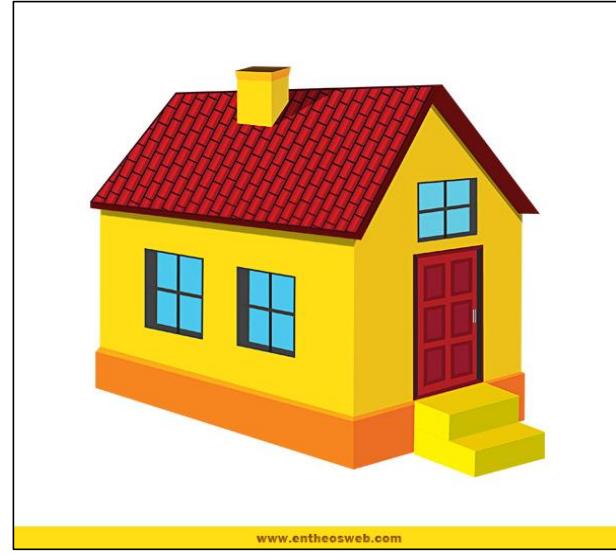
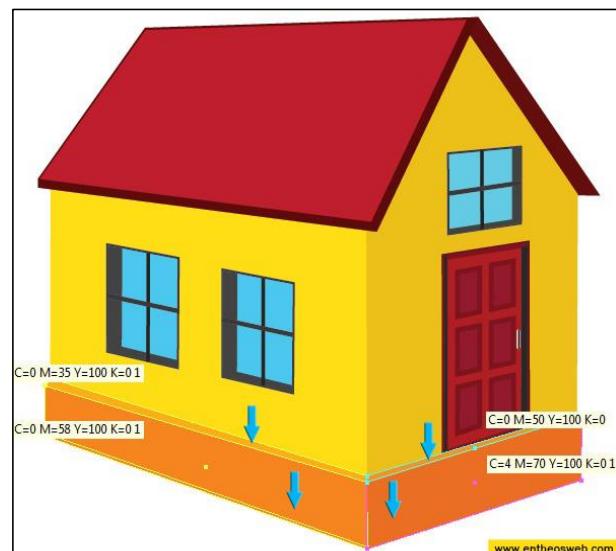
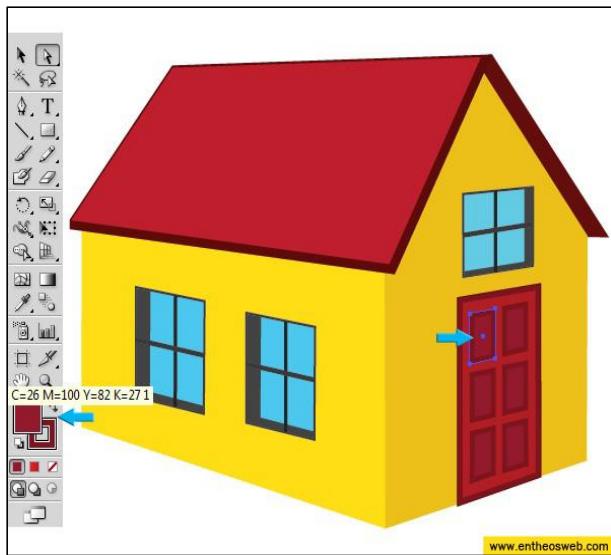




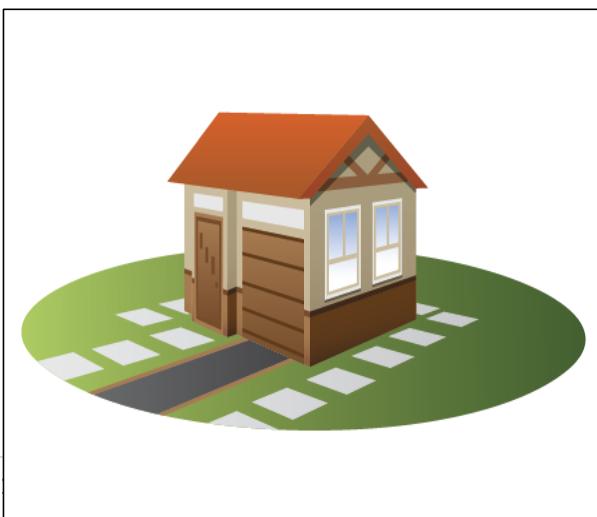
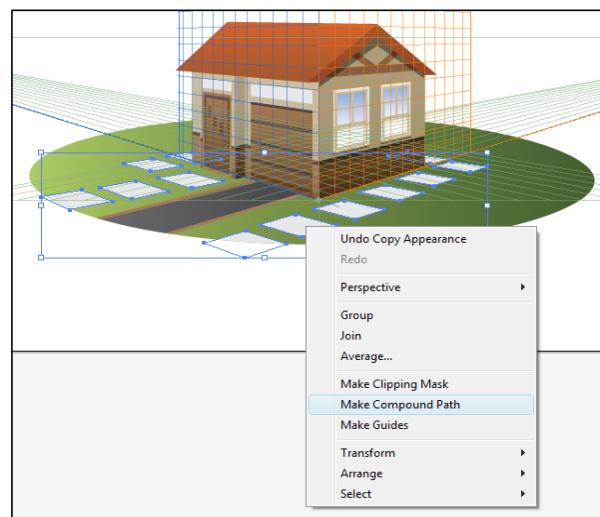
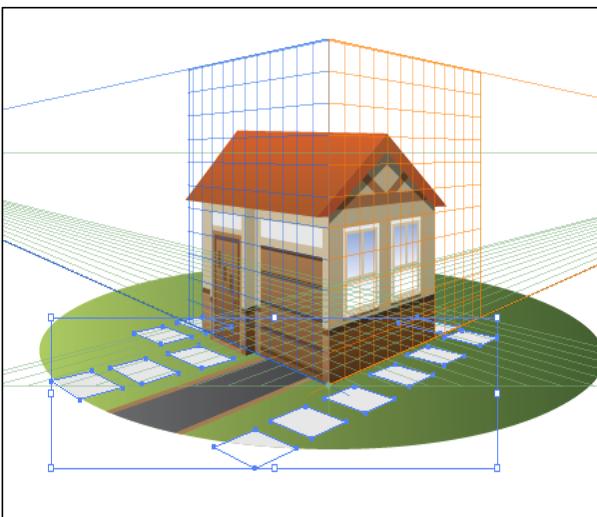
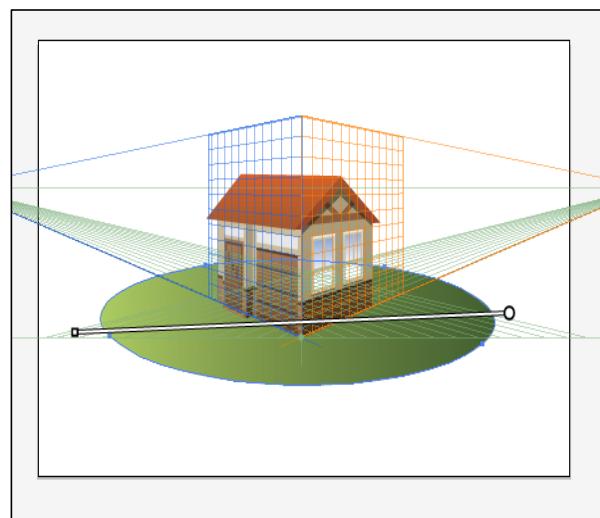
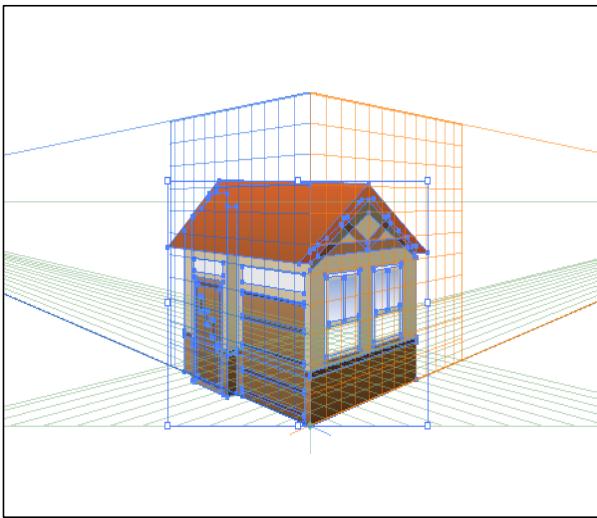
Illustrator Houses

Exercise s1



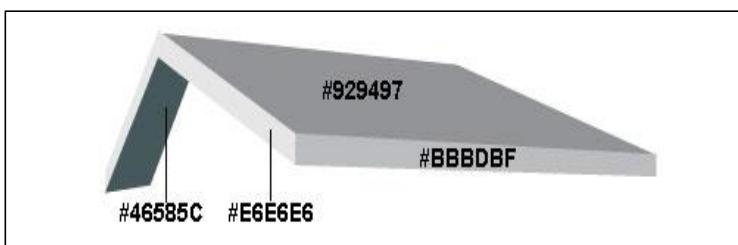


Exercise 2

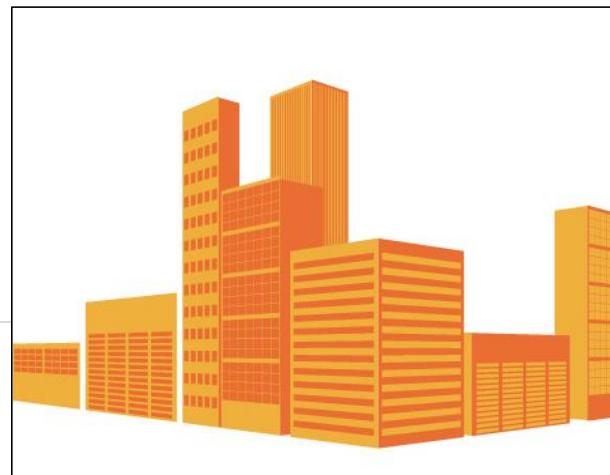
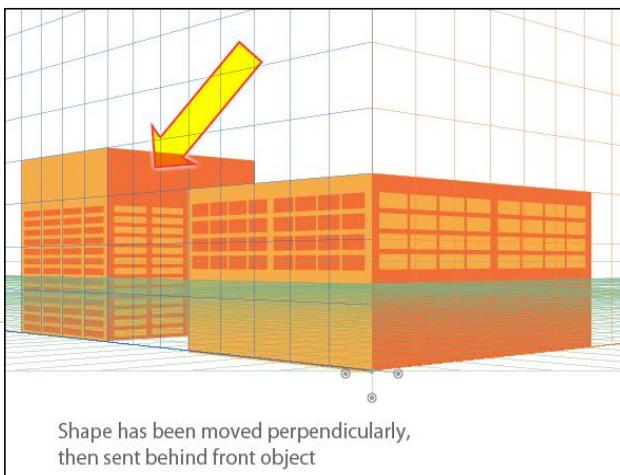
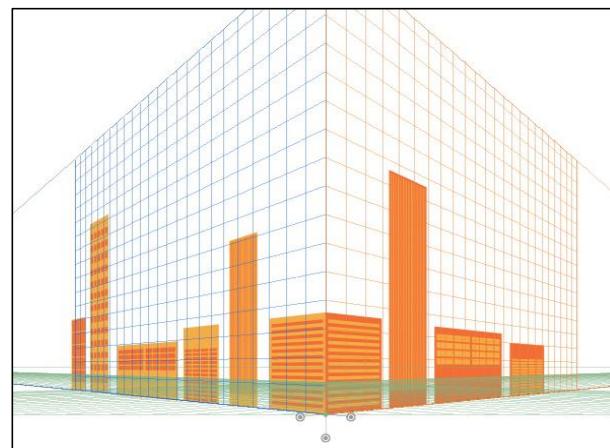
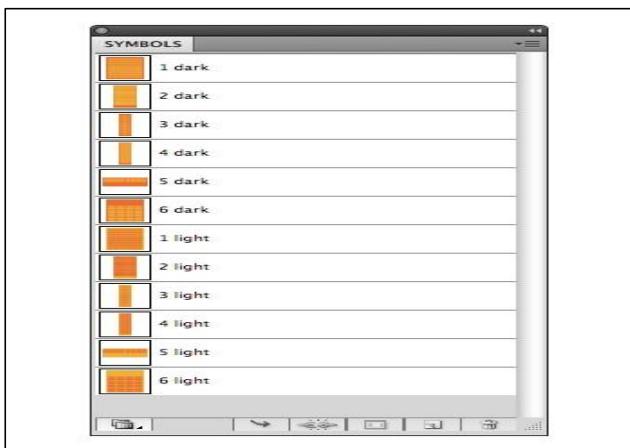
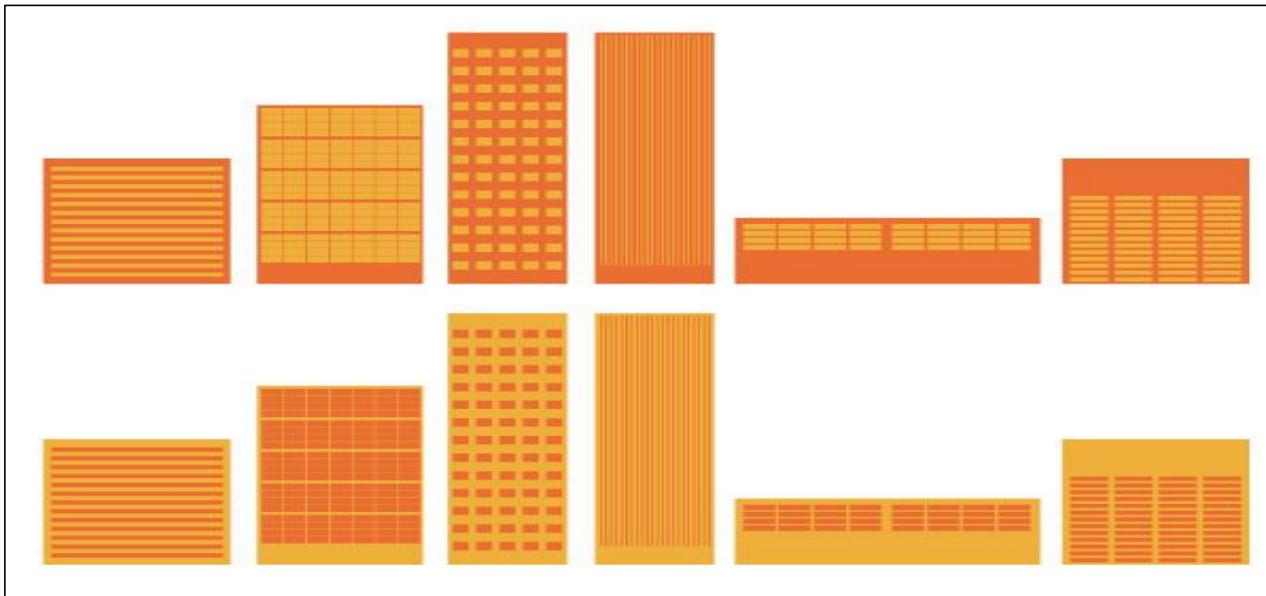


မြန်မာပြည်သားတိုင်း ကွန်ပူးတာ တတ်ရမည်။

Exercise 3



Skyscraper



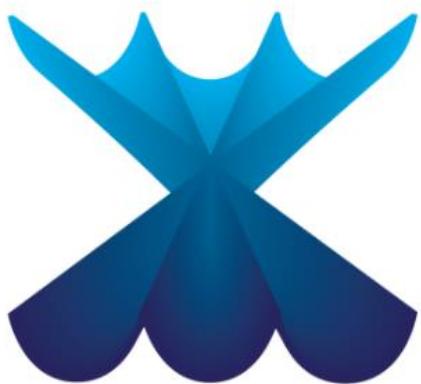
Blending Options

When clicking on the Blend Options (Objects -> Blend -> Blend Options), there will be different options to blend the shapes.

Step 1



Step 2



Exercise 2

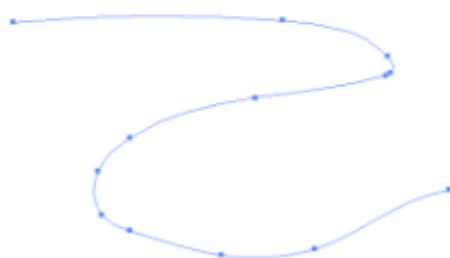
Step 1



Step 2



Step 3

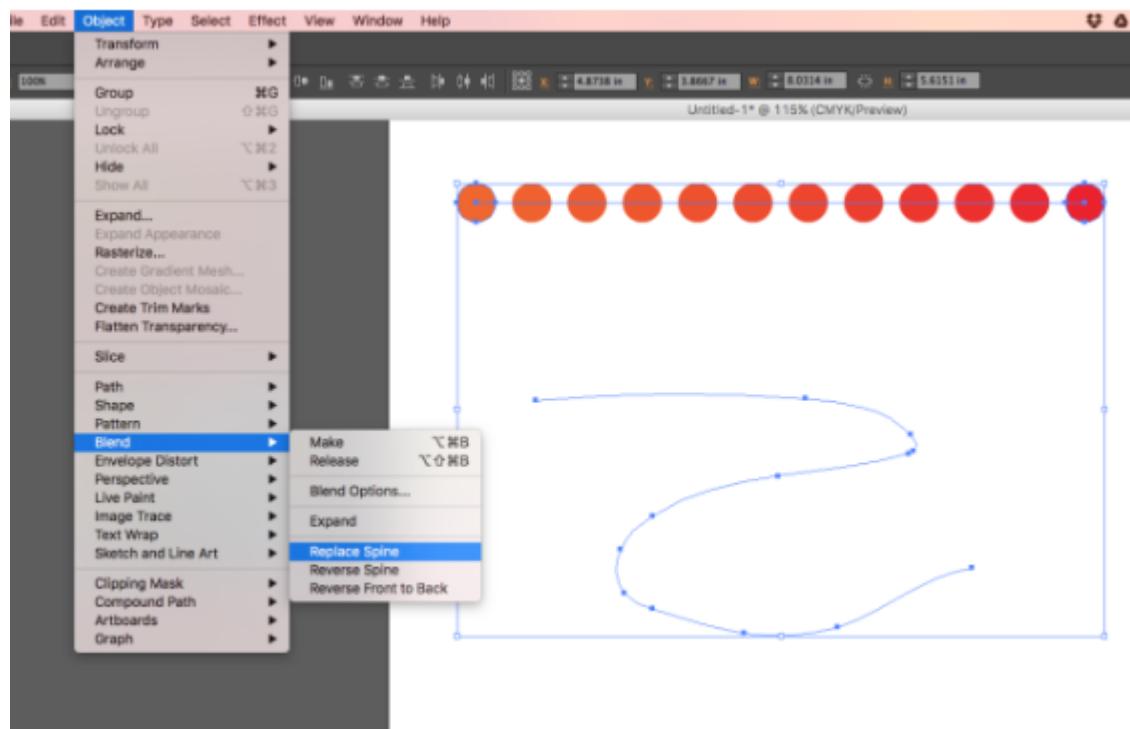


Step 4

Replace Spine Option

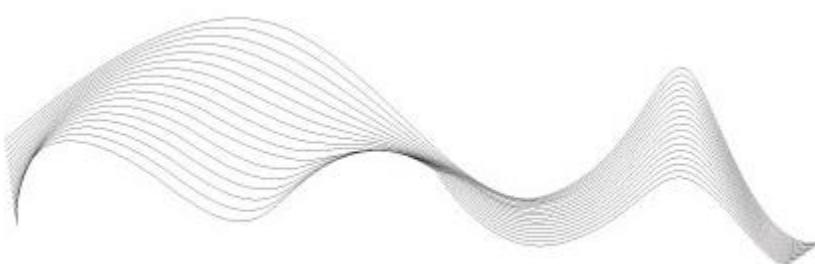
After creating any blend, you can change the path it went along to blend.

Create any path you want → select both the path and the blended shapes → Option → Blend → Replace Spine (before clicking Blend Options, it is under Expand)

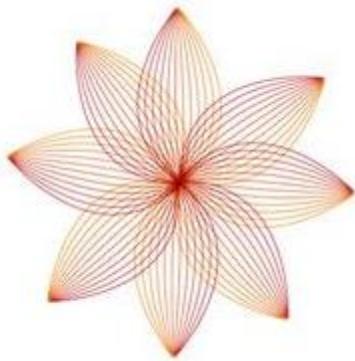


Do the following Exercises

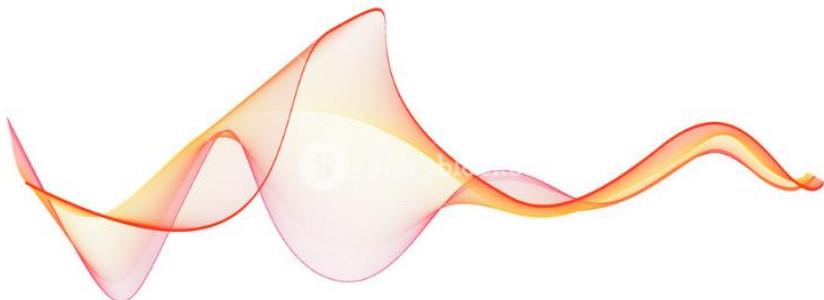
Exercise 1



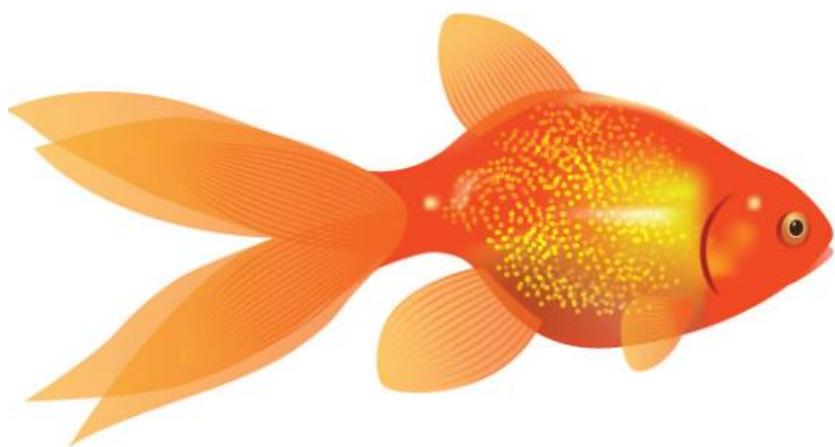
Exercise 2



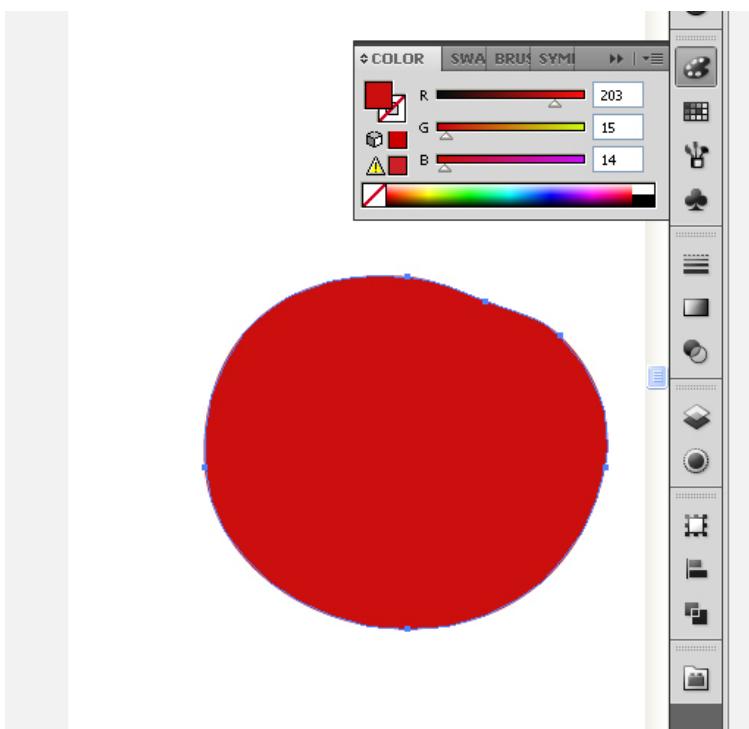
Exercise 3

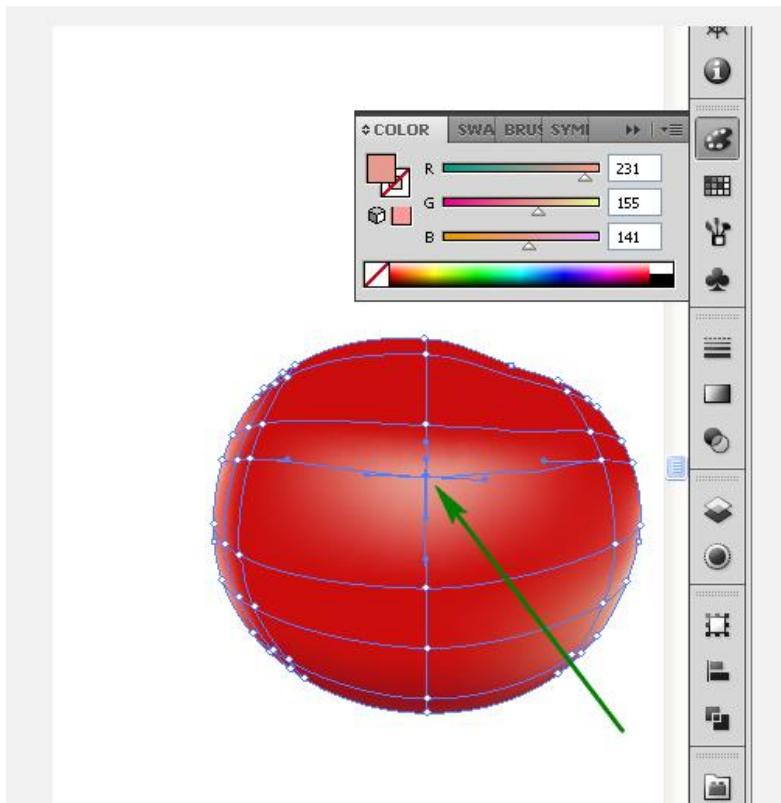


Exercise 4



Mesh Tool

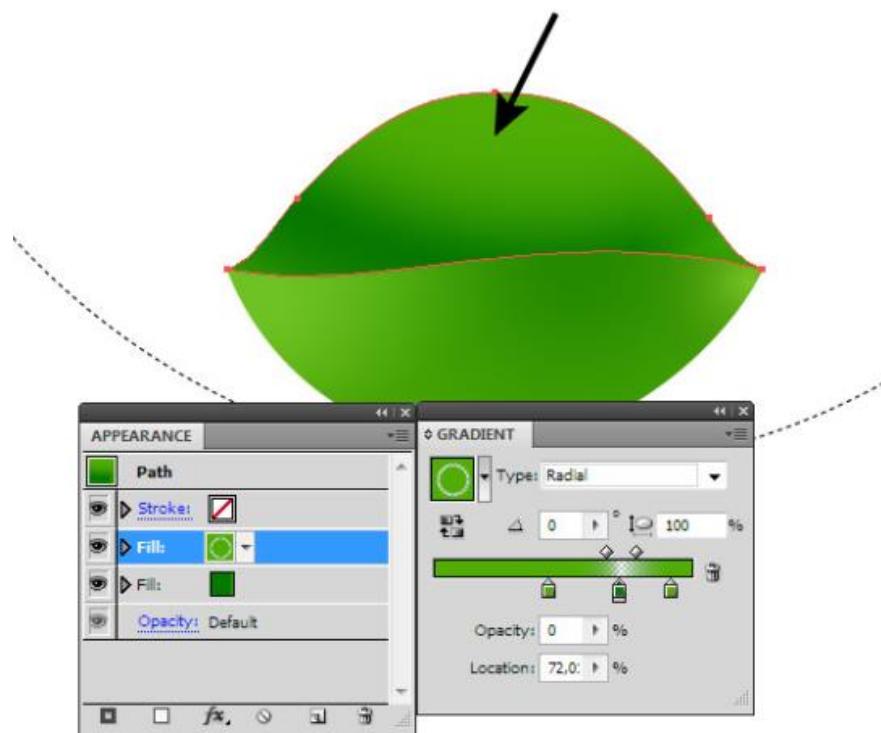




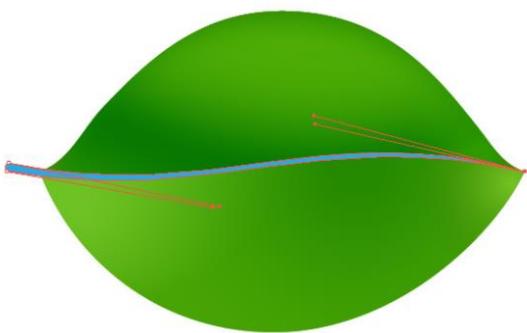


Leave Drawing

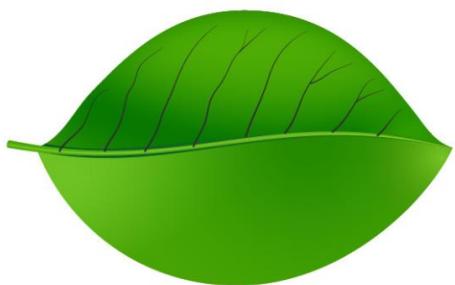
Step 1



Step 2



Step 3



Step 4

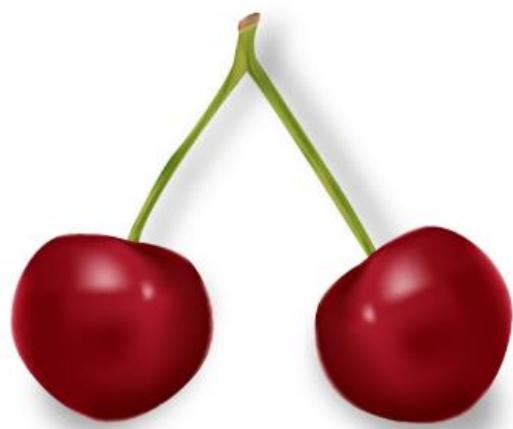


Step 5



Draw the following Exercises

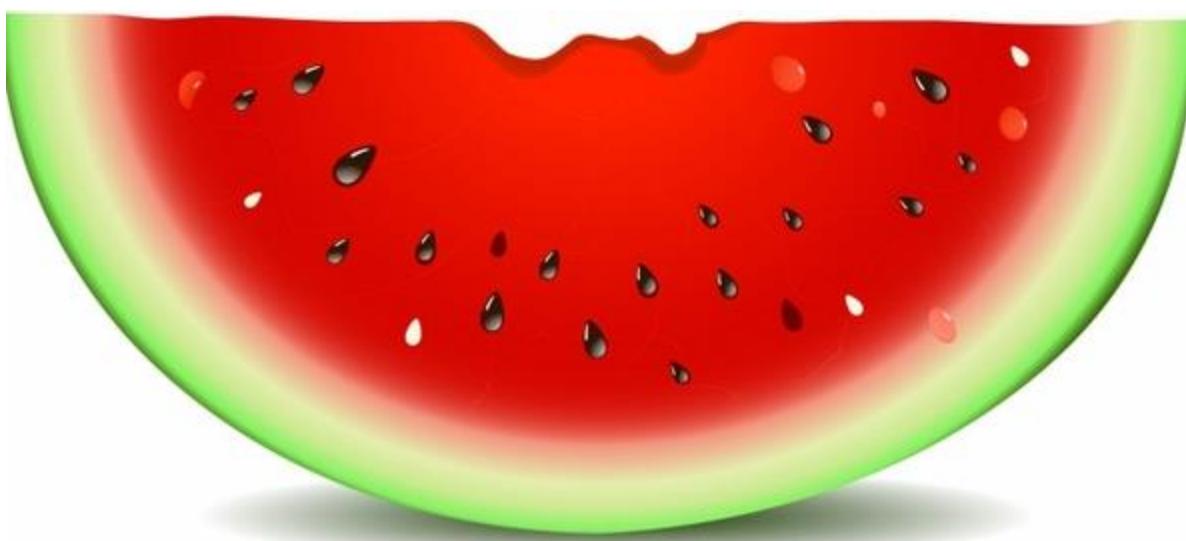
Drawing 1



Drawing 2



Drawing 3



Drawing 4

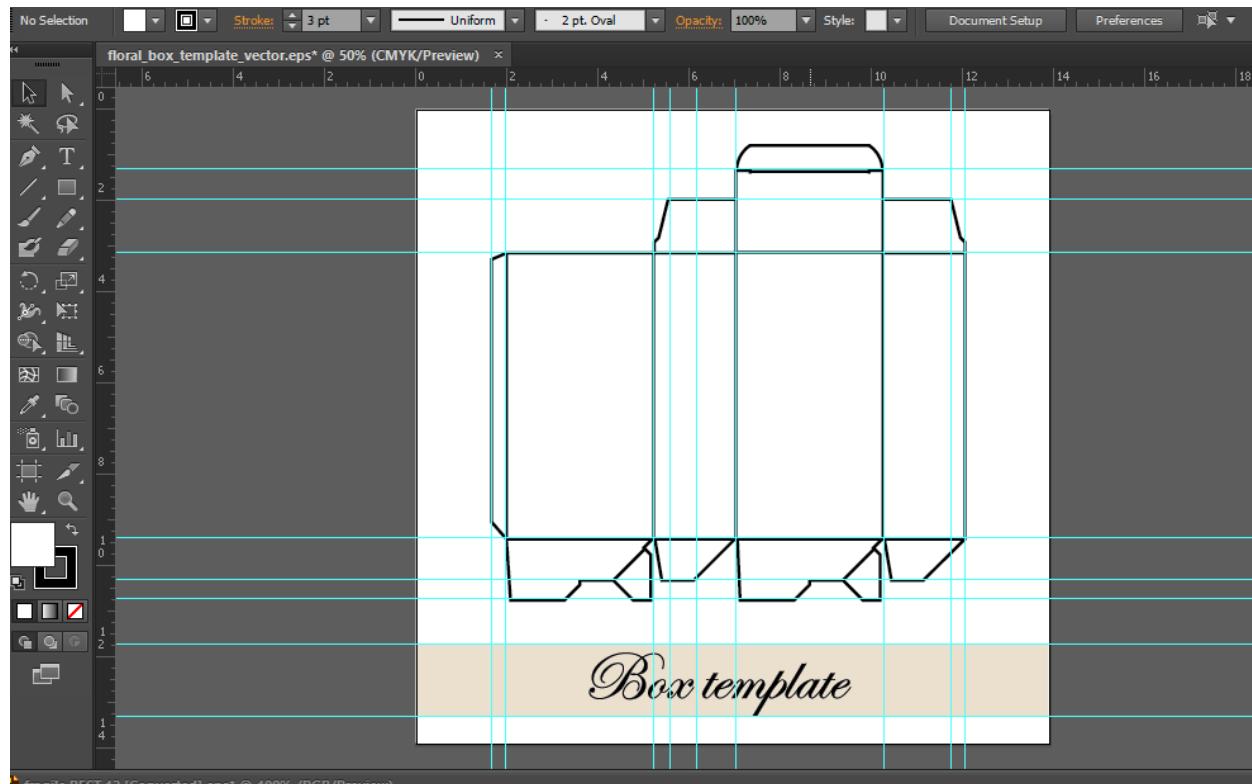


Drawing 5

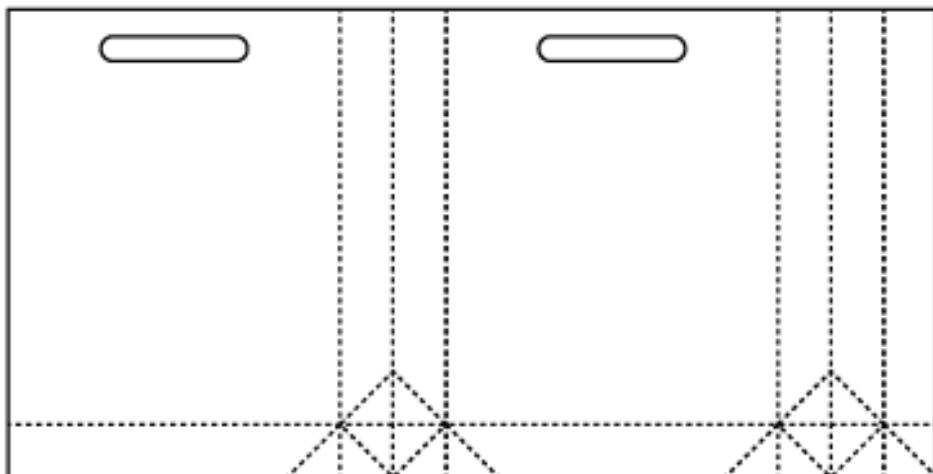
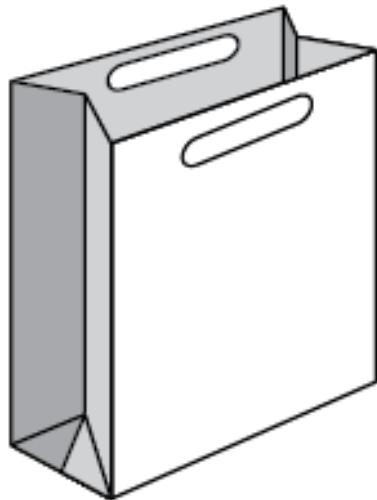


Packaging Boxes

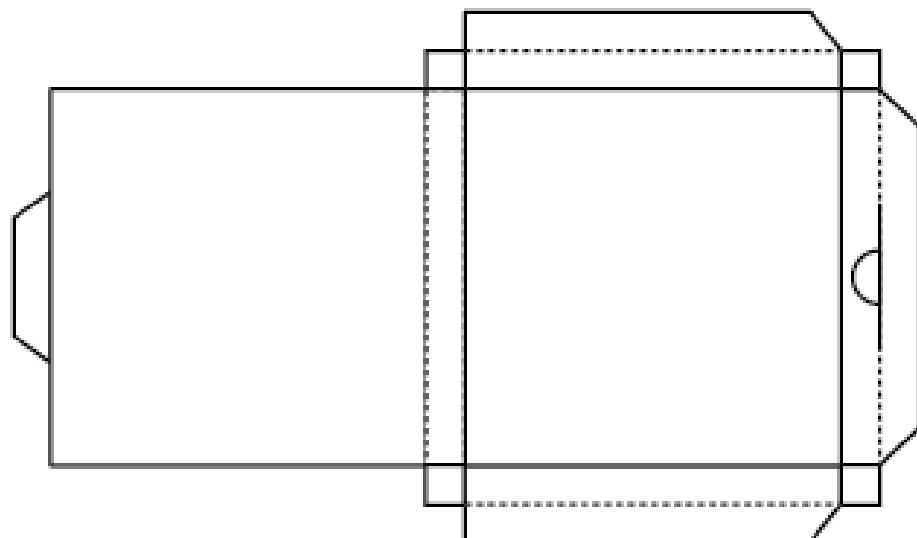
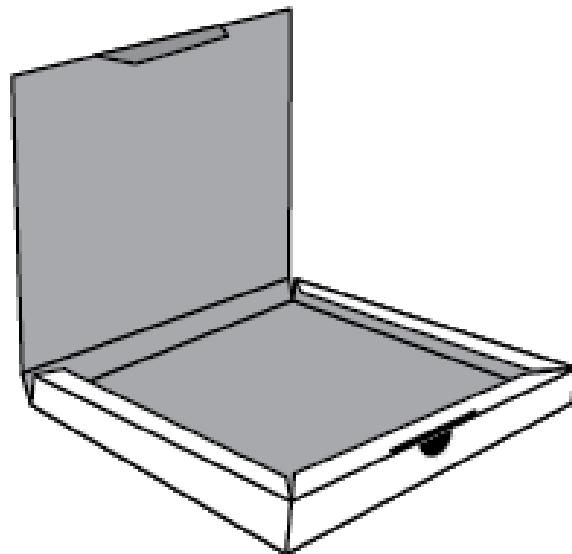
Box 1



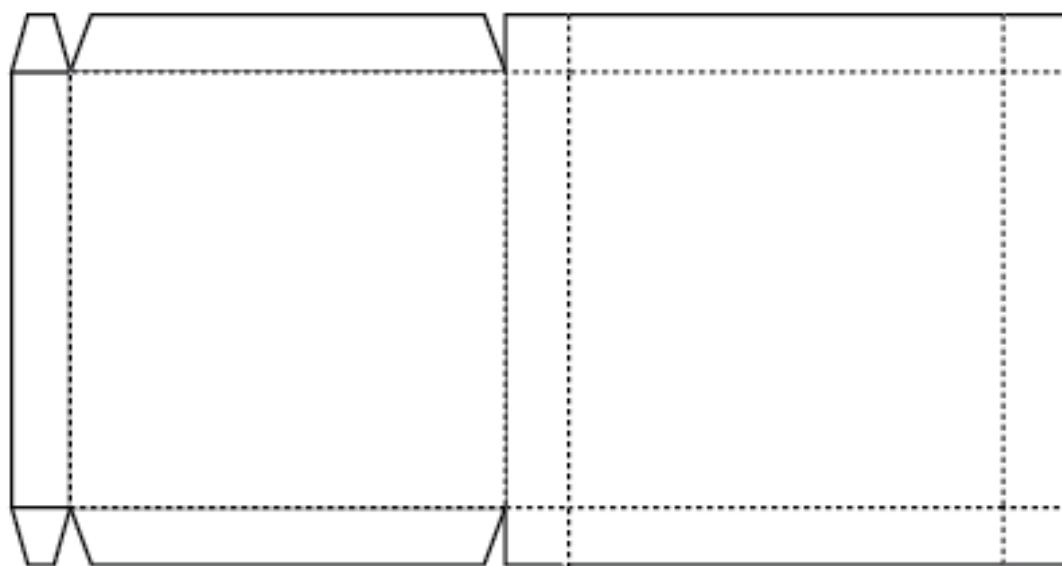
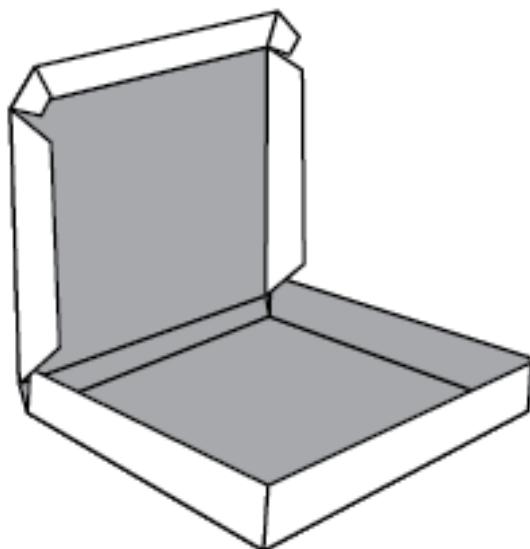
Box 2



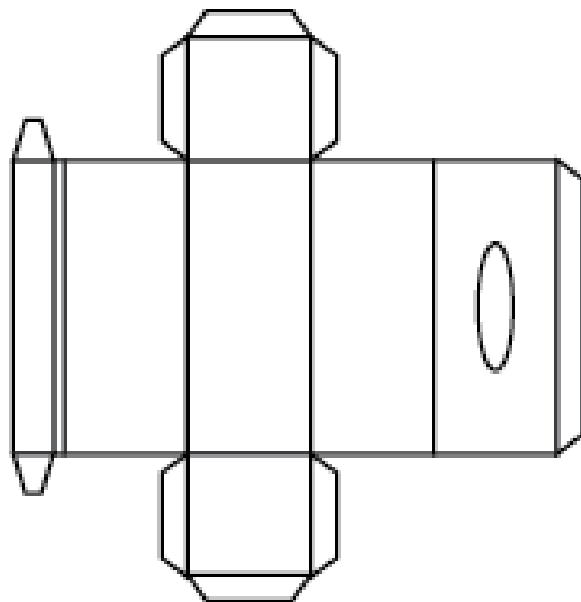
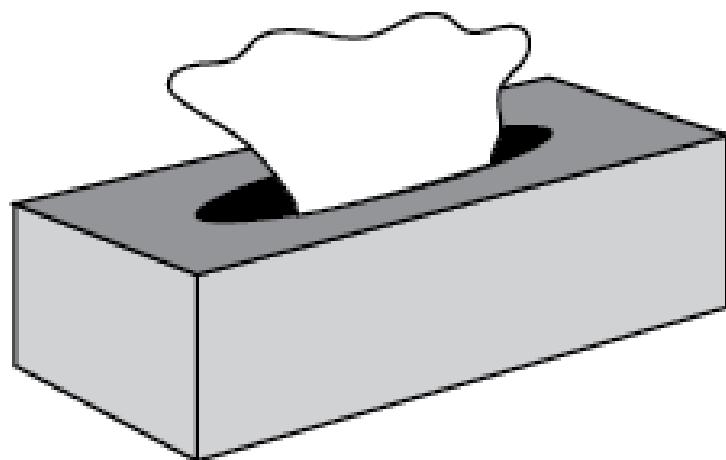
Box 3



Box 4



Box 5





=====The End of Graphic Course=====

Thank you very much