

CORELDRAW QUICK LEARN SHEETS FOR TROTEC LASER

V2

MAY 27TH -2024



CORELDRAW QUICK LEARN FOR CREATION, MODIFYING & THE TORMACH LASER**CONTENTS****PAGE 1 - File Prep For The Laser**

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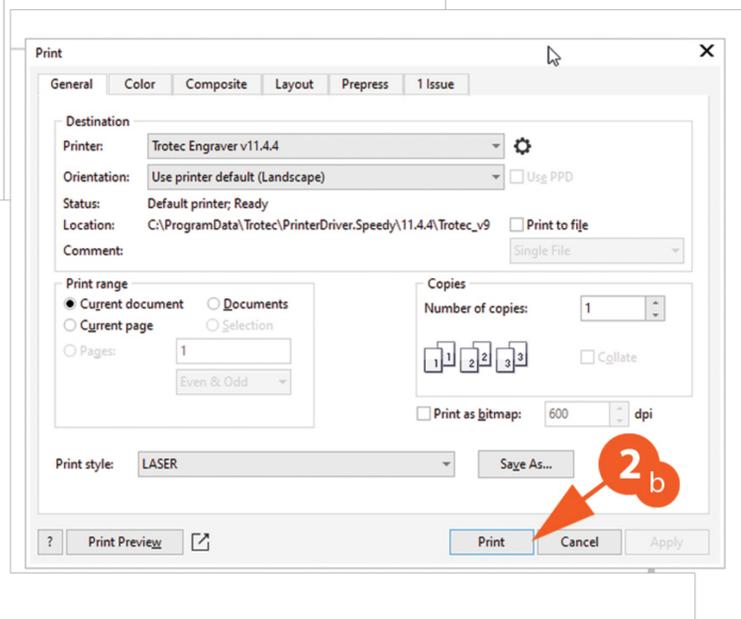
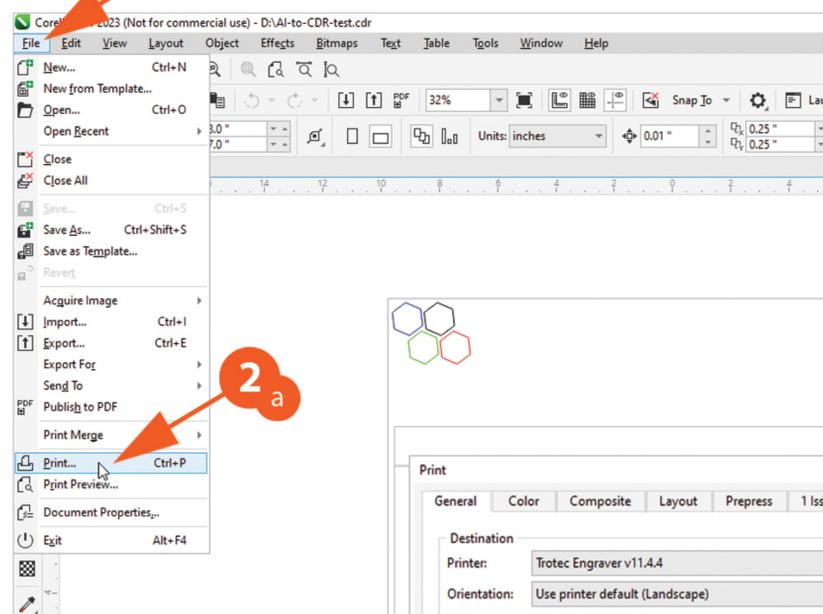
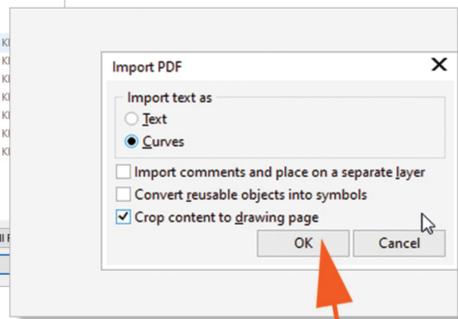
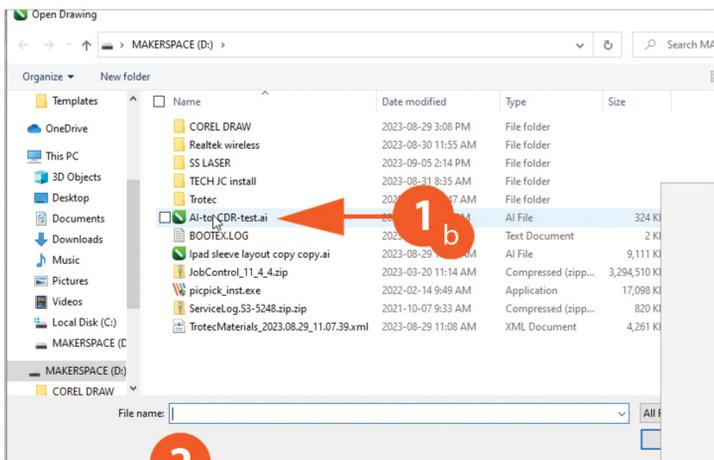
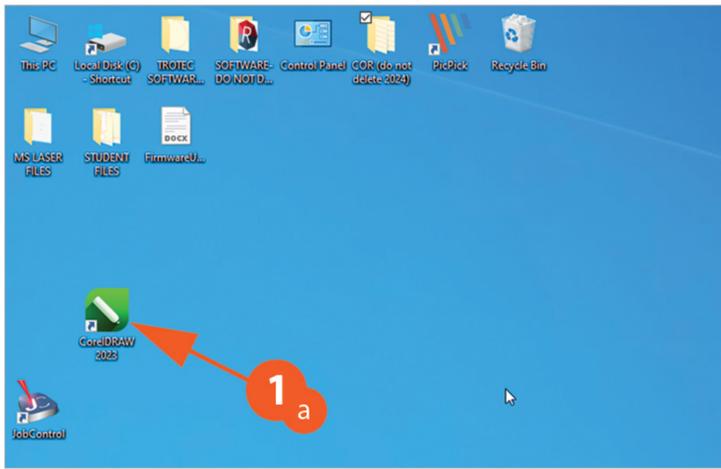
- Modify lines.
- Changing objects shapes.

PAGE 6 - Overlaying To Create Shapes

- Quick ways to overlay shapes to create new objects.

PAGE 7 - Hiding Objects & Layers from the Laser

- The laser will always engraver/cut any objects in your file, unless you do this.



Creating your file in Adobe Illiustrator for Coreldraw

Guidlines:

- Colour format = RGB
- Art Board = 28"wide x 17" high
- Cut = Red (R255, G0, B0) Stroke = .001pt
- Engrave = Black (R0, G0, B0)
- Deep Engrave = Blue (R0, G0, B255)
- Save file as an Illustrator file (ai), and in the current version of Illustrator

1

Opening your file in Coreldraw

1a - Open Coreldraw

1b - Open your file

When you see the pop-up,

1c - Click OK (the default settings are shown here).

2

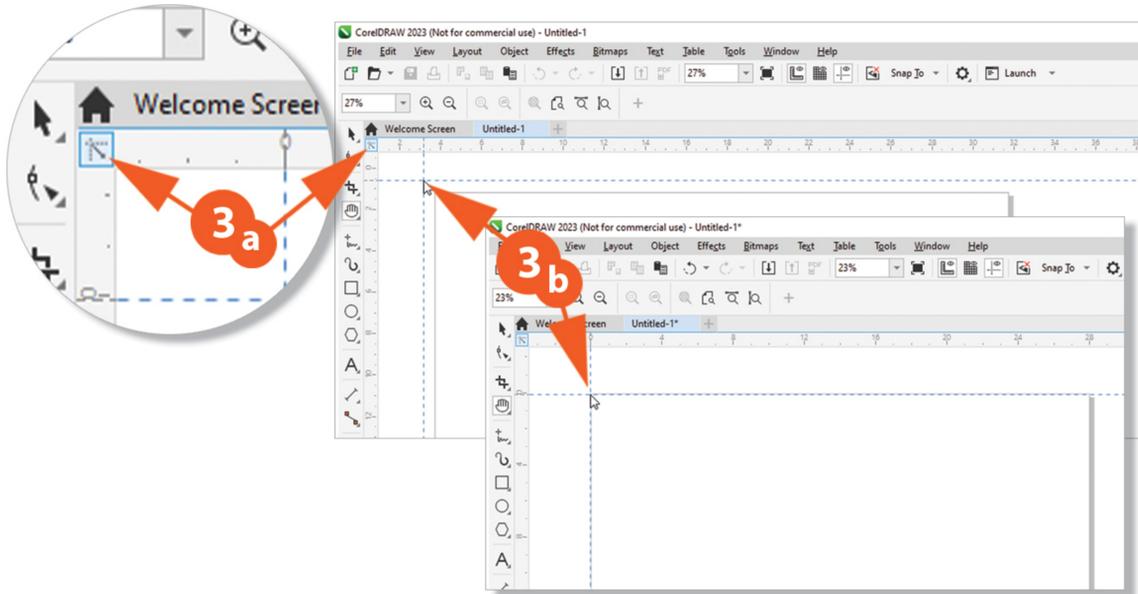
Printing to the Trotec laser/ Job Control

2a - Select File & Print

2b - From the pop-up click on **Print**

2c - When the Job Control icon at the bottom of the page flashes orange, click on it.

IMPORTANT
 To hide objects from the laser,
 please refer to page 7.

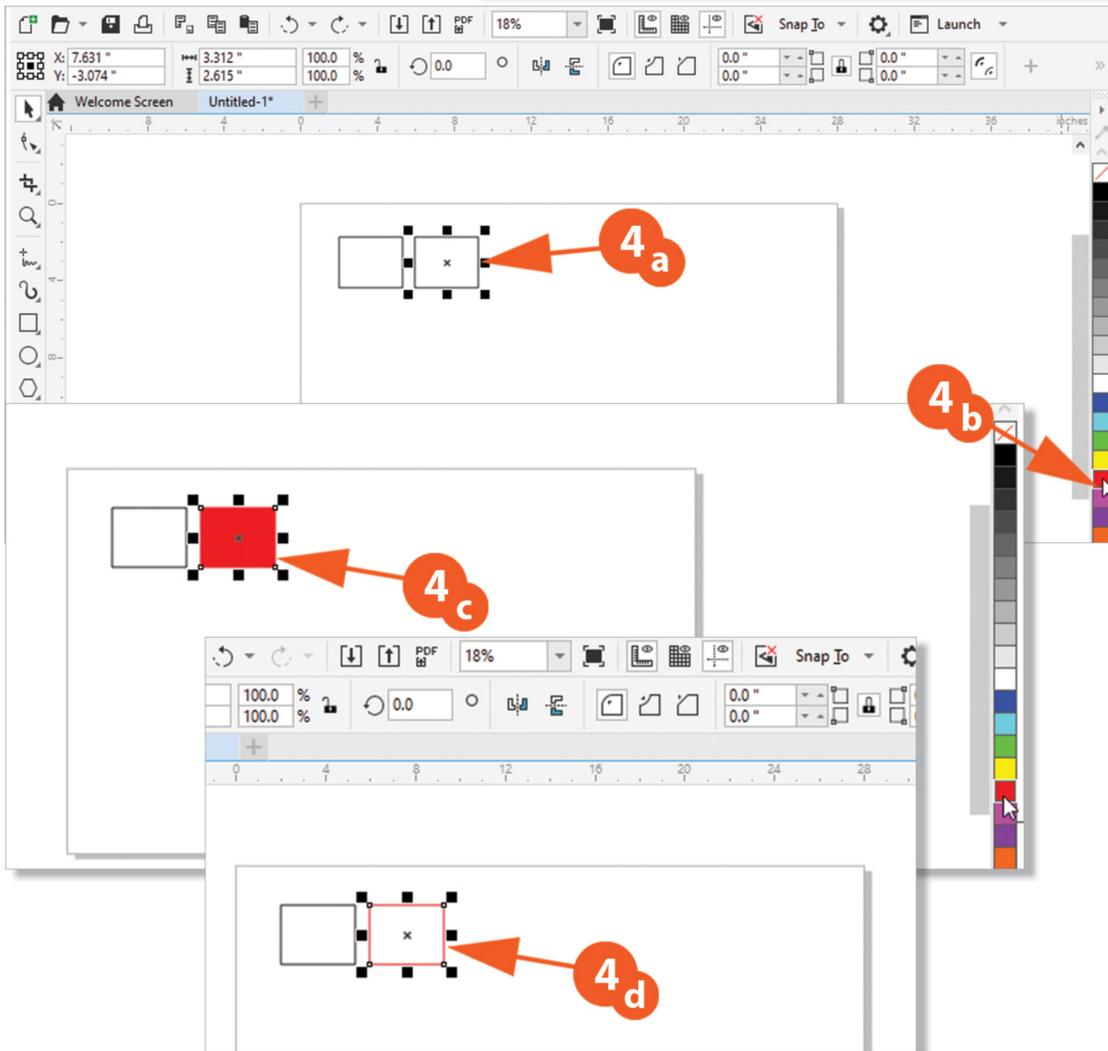


3

To set the rulers to be the same as your project in Illustrator (origin is 0,0 the top left corner).

3a - **Left Click** on the icon in the top left of the rulers.

3b - Holding the left mouse button down, drag the dotted lines down to meet the top left corner of your art board.



4

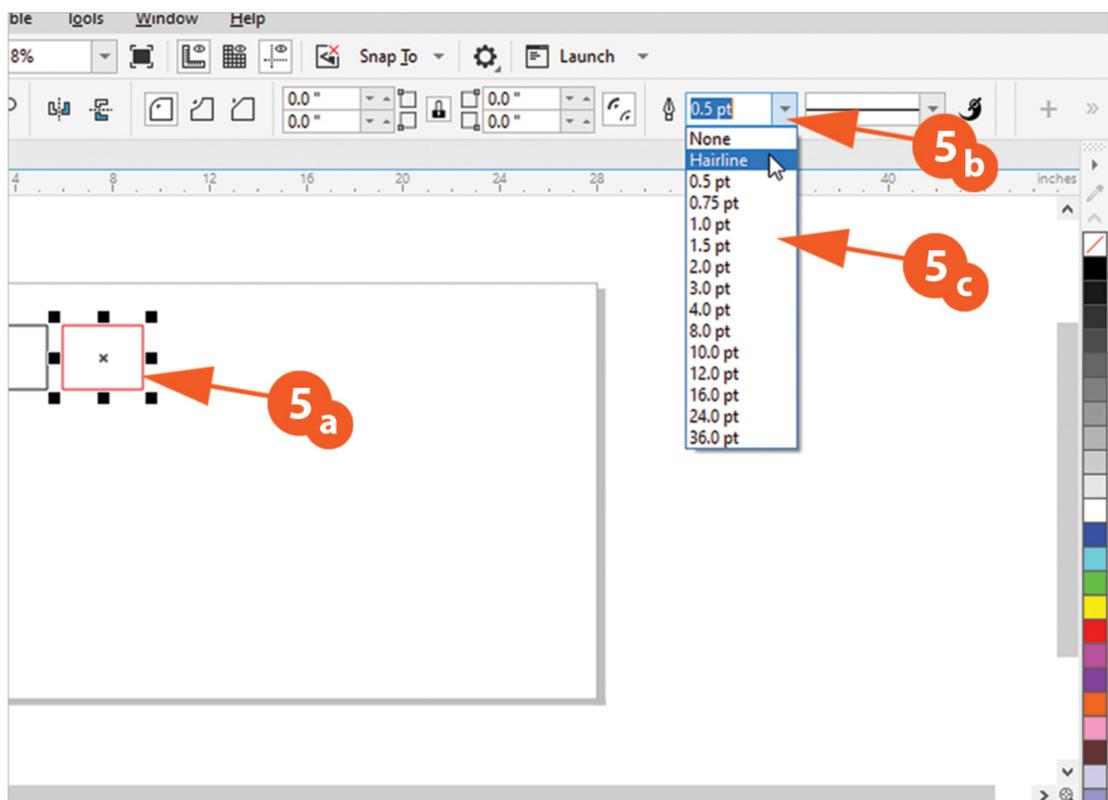
To Change the **Stroke colour** & the **Fill colour**

4a - Select your object or objects.

4b - On the Colour Bar vertical strip on the right side:

4c - **Left click** on a colour to change the **Fill**.

4d - **Right click** a colour to change the **Stroke**.



5

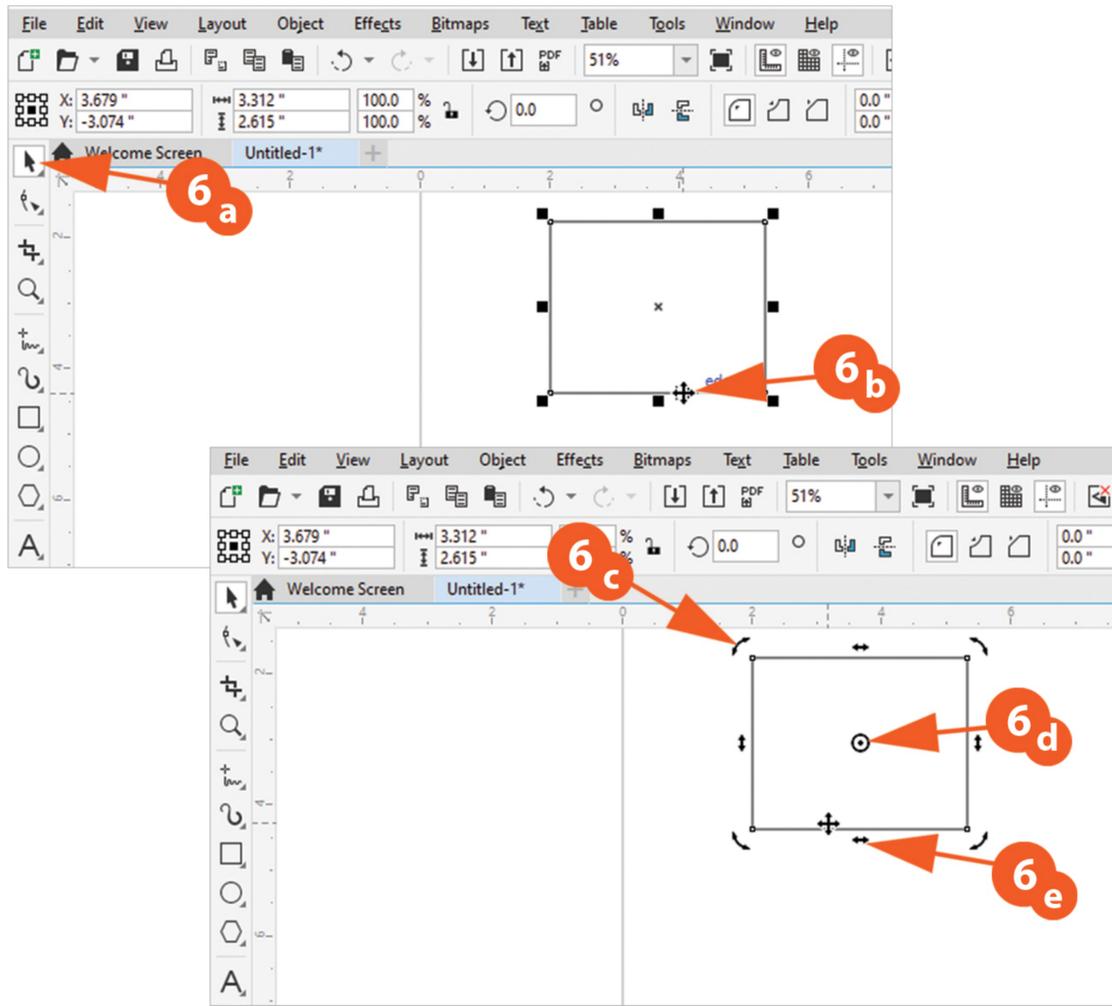
To Change the **Stroke width**

5a - Select your object or objects.

5b - Click on the Pen icon on the top tool bar.

5c - Select the desired stroke width:

- **Hairline** for laser **cutting**
- **1pt** or larger for **engraving**



6

To **Move or Rotate** your object

6a - Select the **Black Arrow** on the left vertical toolbar.

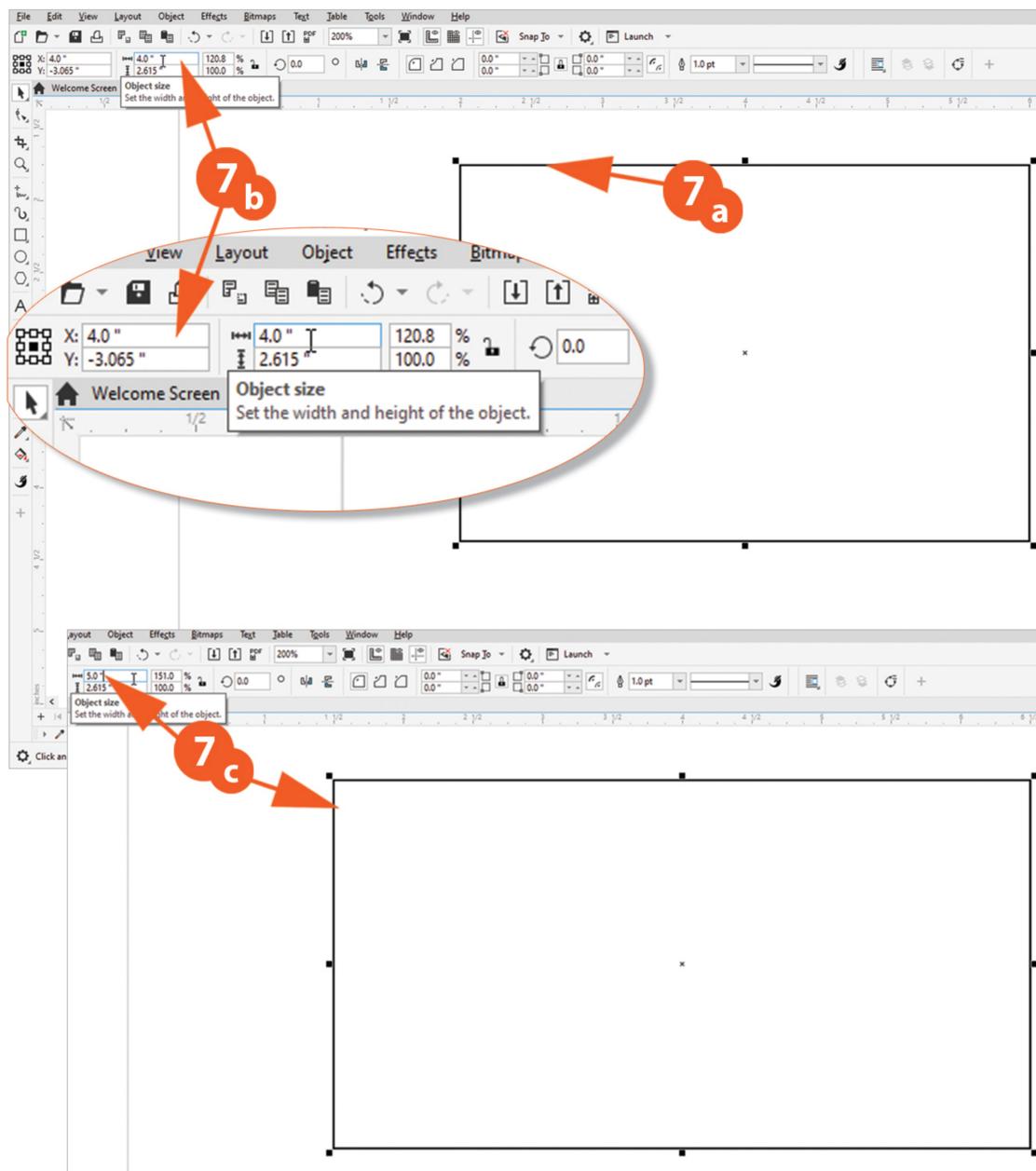
6b - Click on your object, a 4 sided arrow will appear you can then **Move** your object.

6c - Click on your object again (or twice) and you can then **Rotate** it by selecting one of the curved arrows.

In the Rotate mode you can also change the origin/axis as well as Skew your object.

6d - Select and move the **Axis**.

6e - Select a double straight arrow to **Skew** your object.



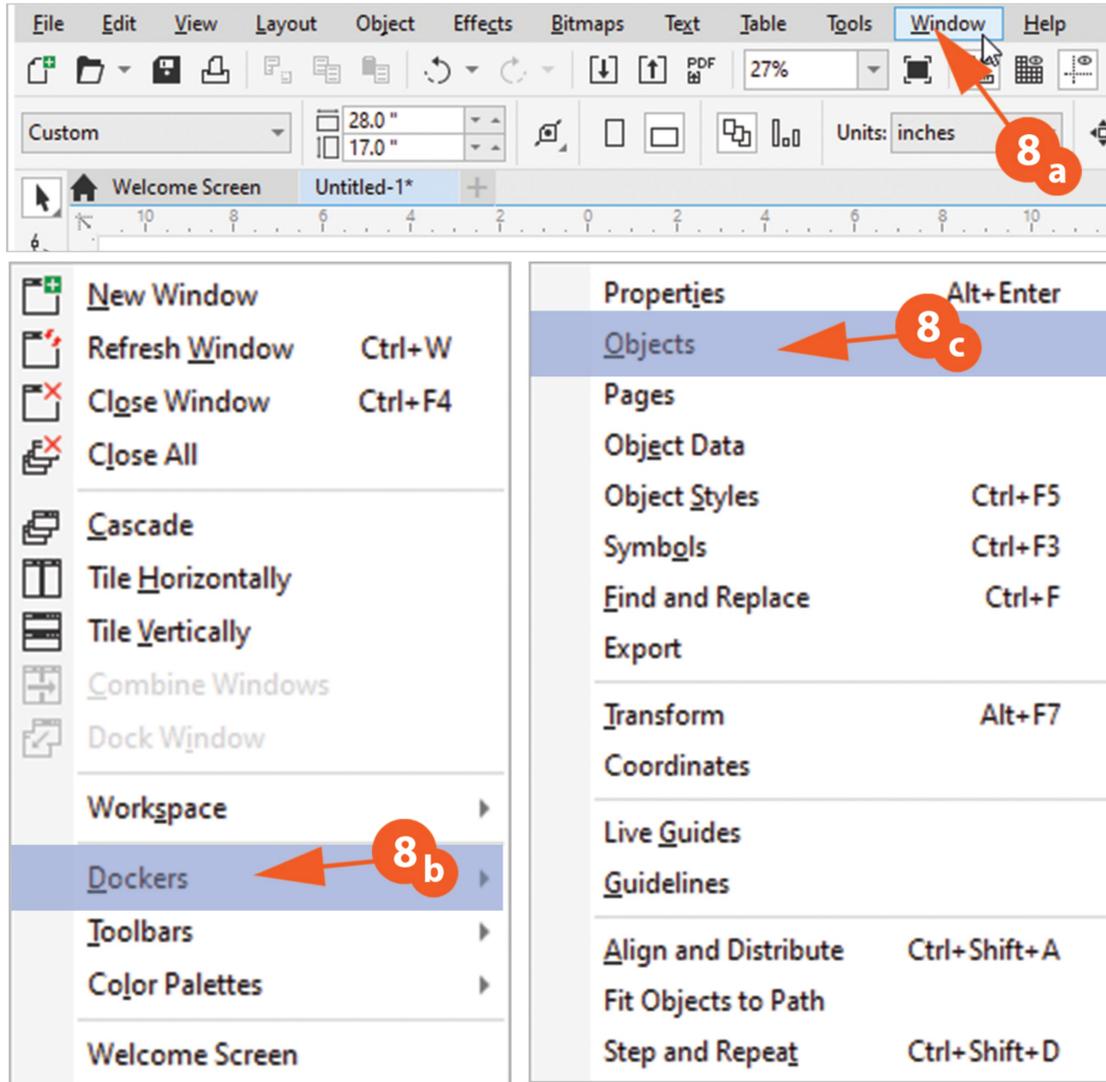
7

To **Change the Size** of the **height or Width**

7a - Select your object.

7b - On the Top toolbar, enter a new dimension in the width or height areas.

7c - Example: I changed the Width of the rectangle from 4" wide to 5" wide.



8

To Open Dockers (Tool/Menu Windows)

8a - Click on Window on the top bar.

8b - Click on **Dockers**.

8c - Click on the Docker (tool window) you desire. A floating Menu will open. See a descriptive list of popular Dockers below.

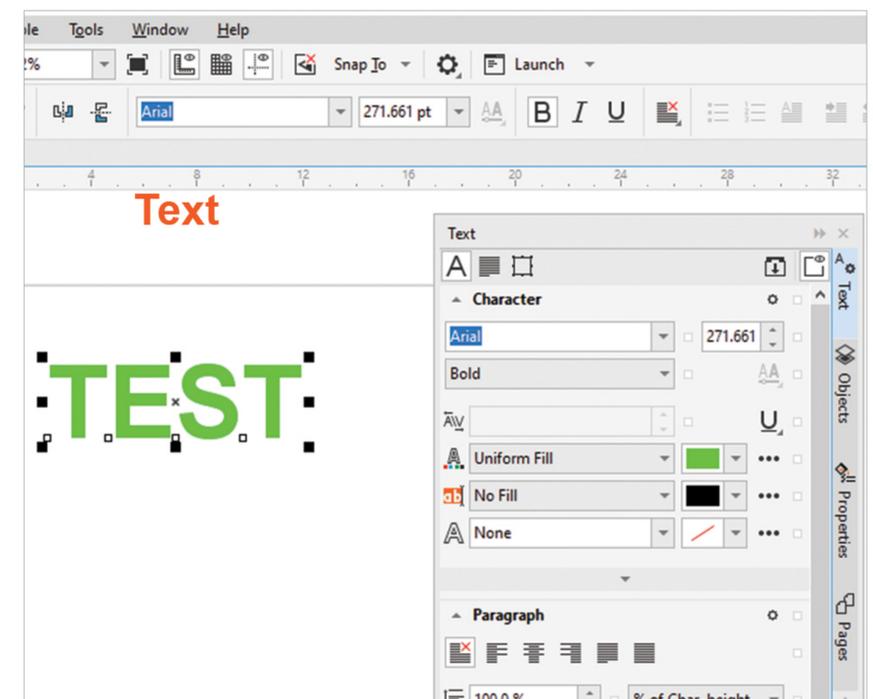
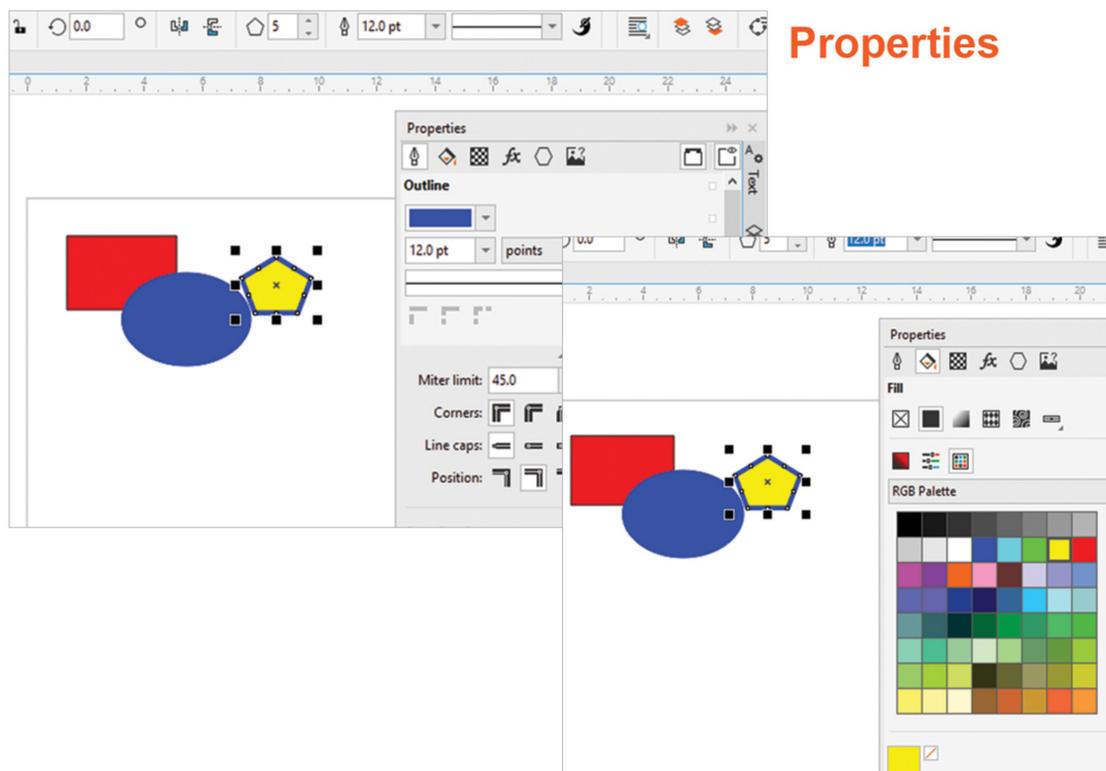
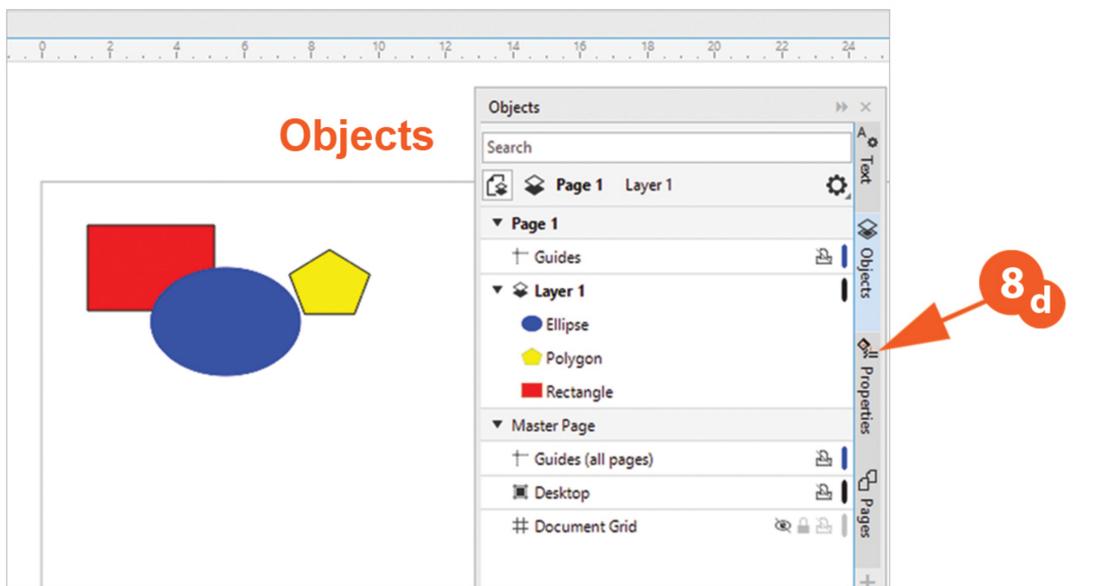
8d - You can group the menus tabs together or place them separately around your work area.

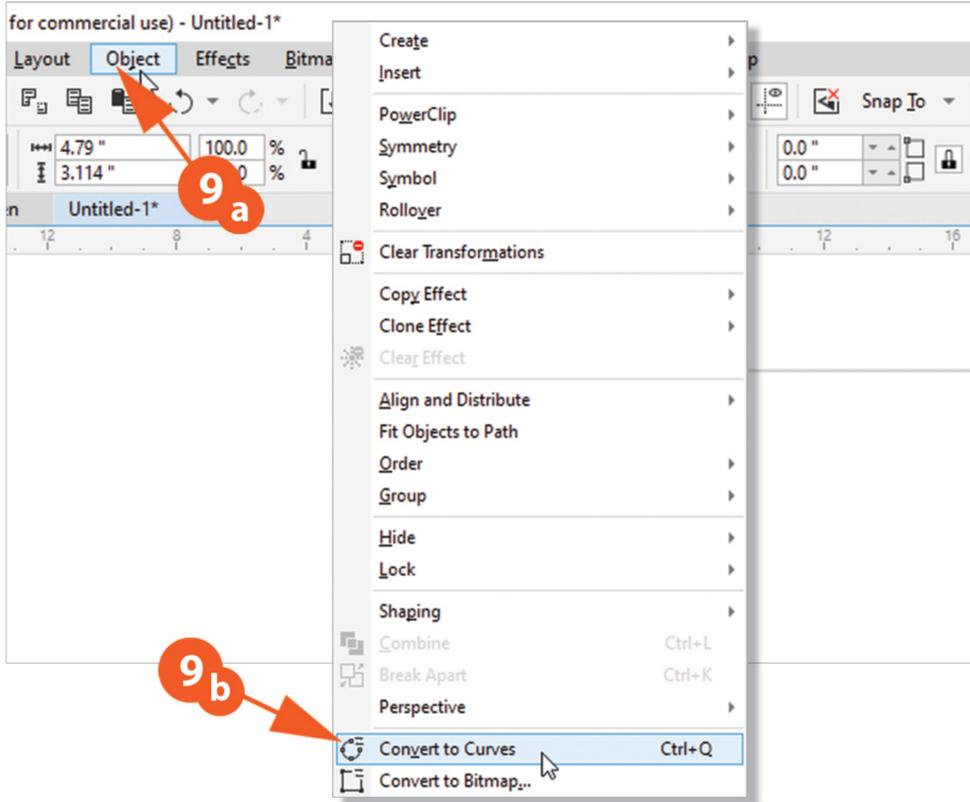
Objects - This would be like the **Layers menu** in Illustrator. Here you will find each **Object** and the **Layers**. You can: create more Layers here, change your Objects order and Hide or Unhide your Objects & Layers.

Pages - Pages are the same as your **Art Board** in Illustrator. You can add or subtract Art Boards here. You can also move layers to different art boards.

Properties - This will fill up with your objects information when you select an object. It contains info like **Stroke & Fill**. You can change each item from here, like the stroke thickness or colour.

Text - This displays all of your text/font information. You can change things like the font, the size, the colour here. You can also change the spacing and kerning.





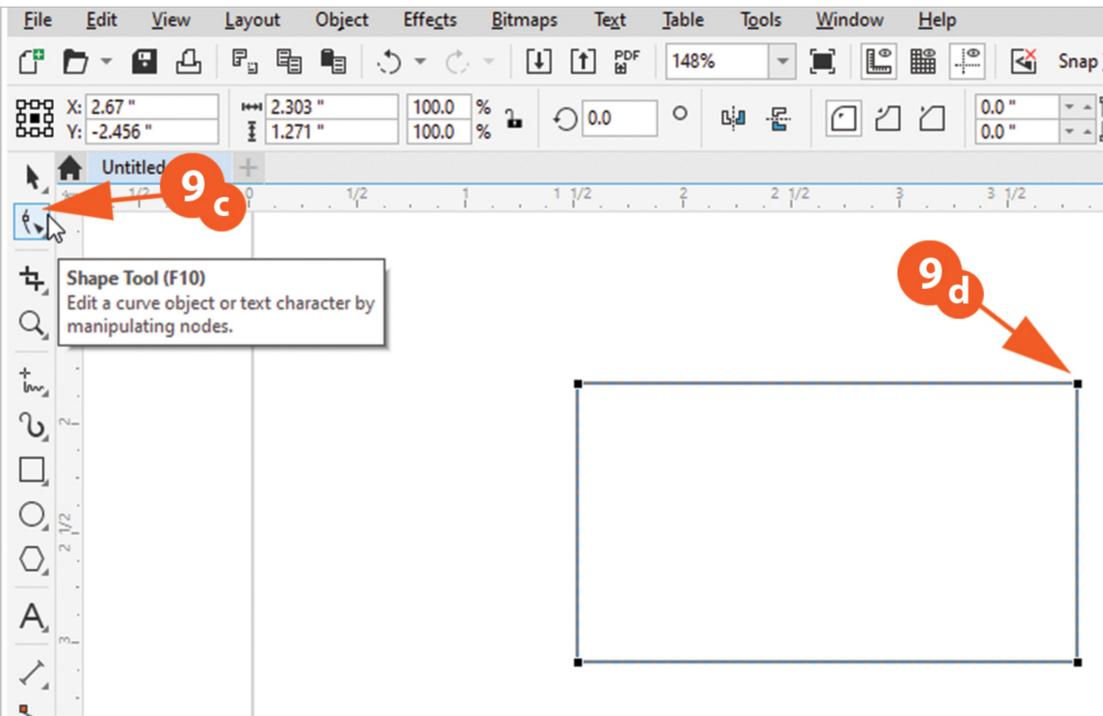
9

To **Modify an Object and Lines**

If your object is a rectangle, you will need to first convert it to curves.

9a - Select Object on the top menu...

9b - and Click on Convert To Curves. You can then proceed to the next step.

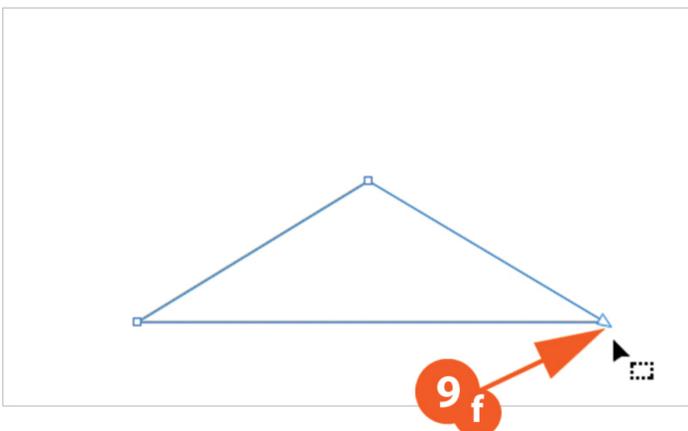
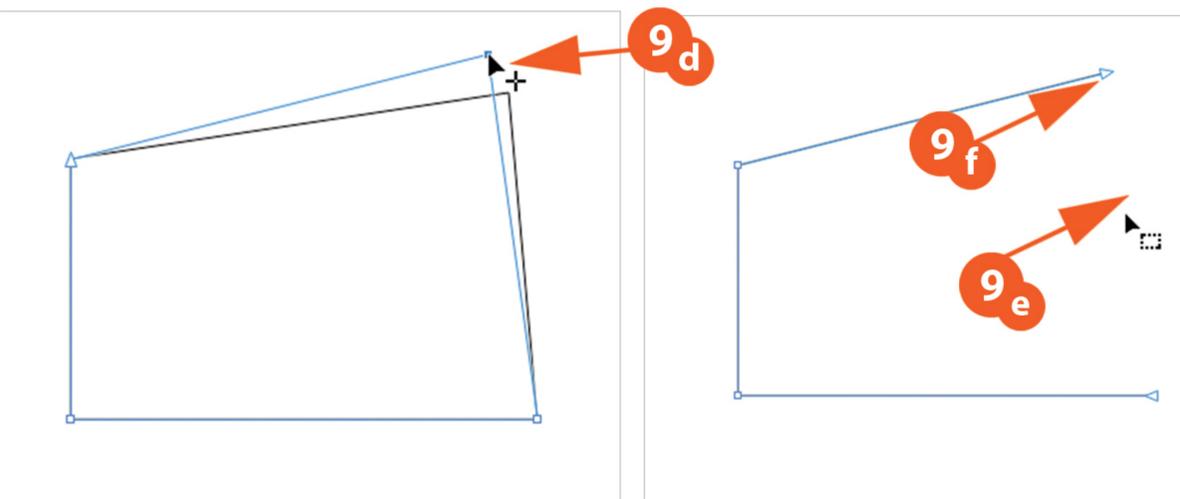


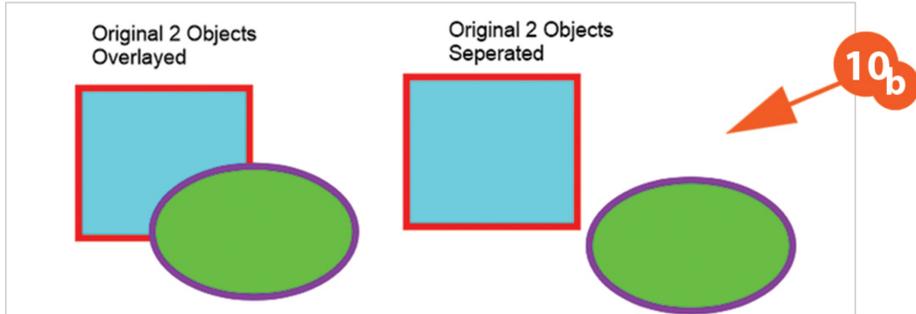
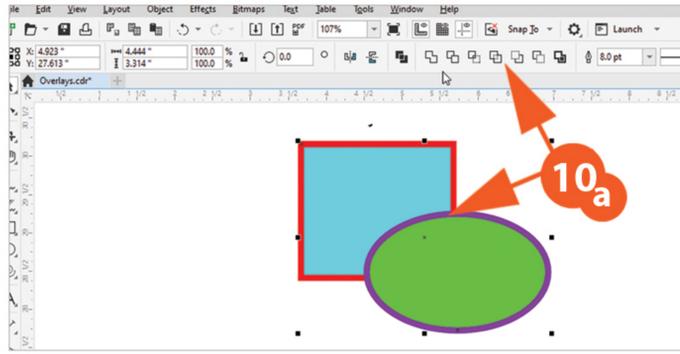
9c - To modify a line or object, select The Shape tool at the top of the vertical tool menu.

9d - Click on a end node to move the end of a line/lines and change the shape.

9e - Click on the mid area of a line and click delete, to delete the line.

9f - If you want, you can then move a node to connect with another node.





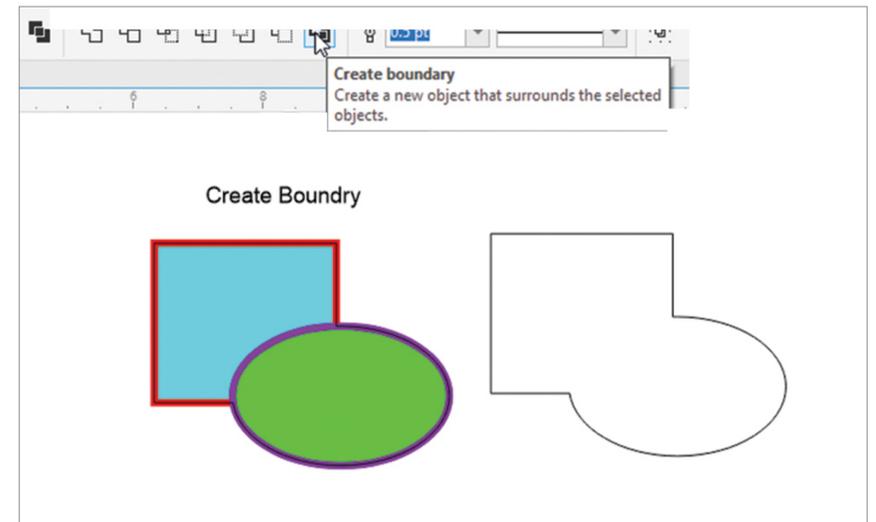
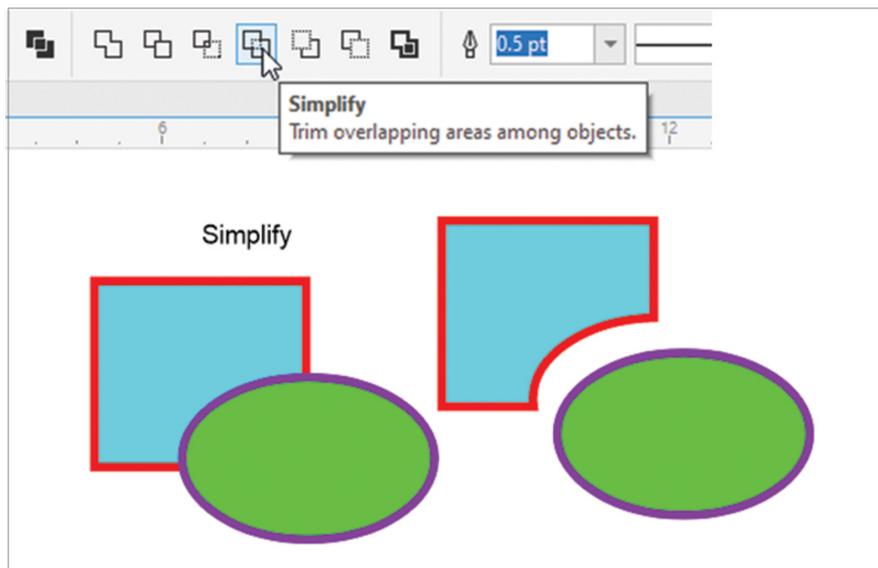
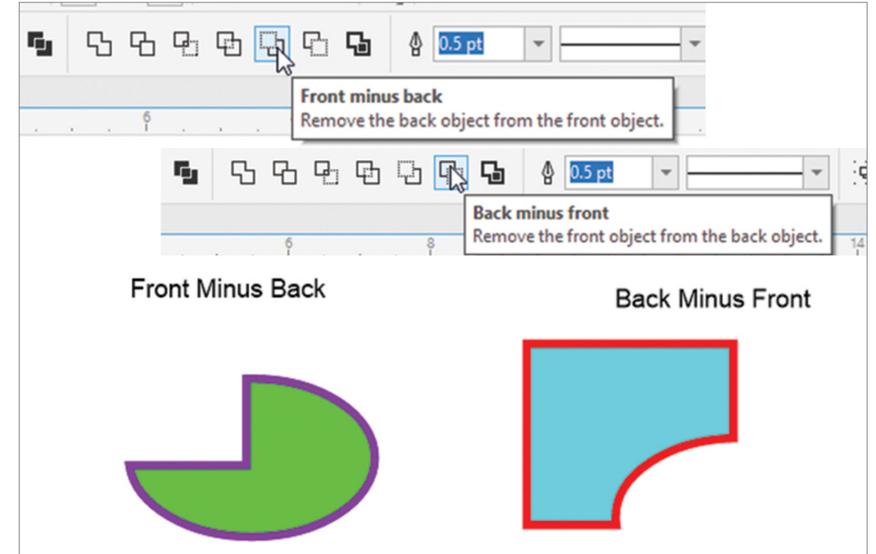
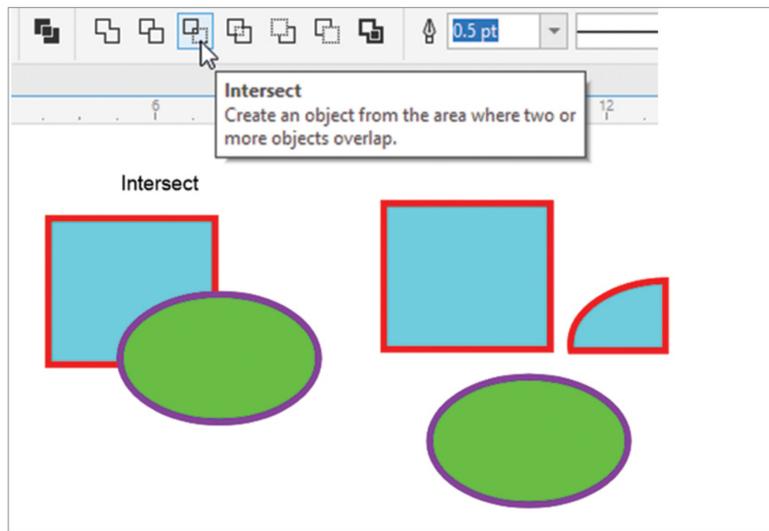
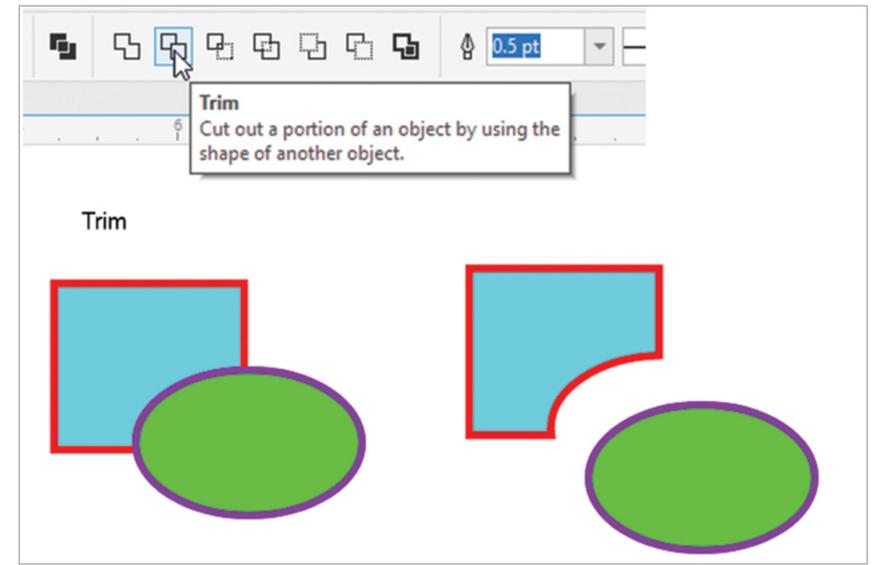
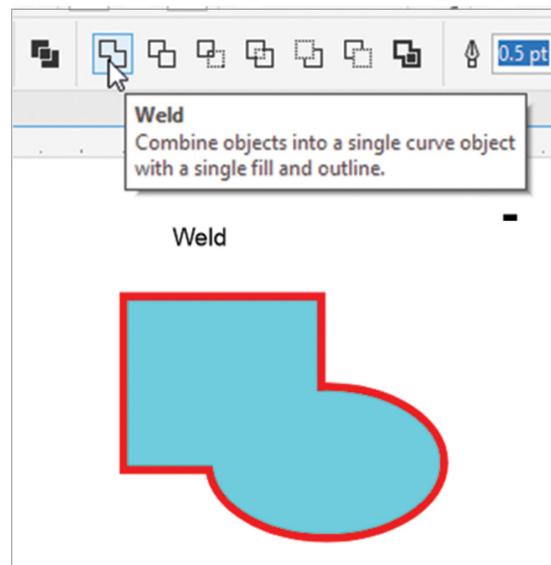
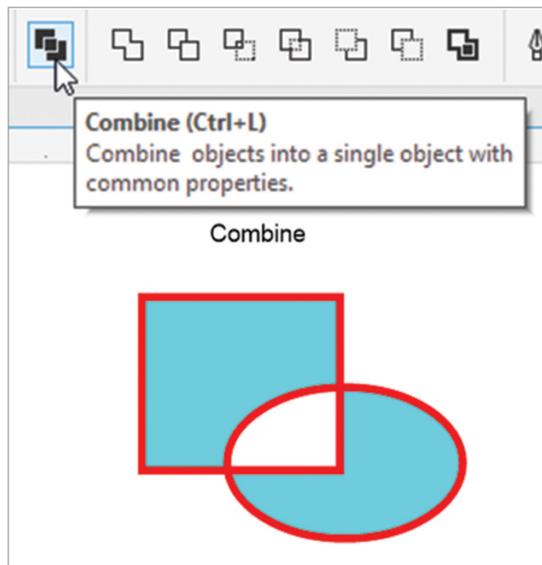
10

You can create objects fast in Coreldraw by overlaying shapes.

10a - The Shape Overlay Options appear on the top Toolbar once you select 2 Objects or more.

10b - We are using a square and an ellipse as an example.

Shown here are the 8 options.



11

If you DON'T want to engrave or cut specific objects on the laser, you must **Disable Print & Export** in Coreldraw before sending it to the laser.

You can **ONLY Disable Layers**, so any objects you want to hide from the laser need to be in one or more layers that can be disabled. Please note all objects on a disabled layer will not be processed on the laser.

11a - First open up the Object Docker, under Window/Dockers/Objects.

11b - Make sure all the objects you want to hide are on a separate layer.

eg. In this example I have some red ellipses and some black rectangles. I want to hide the red ellipses for the laser so it will not cut them. The ellipses are on layer 2.

11c - Click on the **Disable Print & Export Icon**.

11d - You can still see the objects/ellipses, but they will not be processed by the laser.

