

HOW TO:

COMBINE & CUT OUT SHAPES

1. Open up Inkscape from the bar at the bottom of your screen
2. Go to the left sidebar and draw a few different shapes using the following tools:

Create rectangles and squares
Create circles, ellipses and arcs
Create stars and polygons

(See draw & edit basic shapes/
stars and polygons worksheets)

3. Position several shapes so they are overlapping each other.

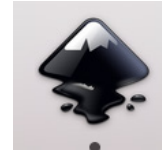
4. Draw a box around all of the shapes to select them.

5. Go to the **Path** menu and click **Union**.

6. All overlapping lines should disappear, leaving one combined shape.

7. Union does not work with groups. Select the group(s) and go to **Object** menu and **Ungroup**, then try **Union** again.

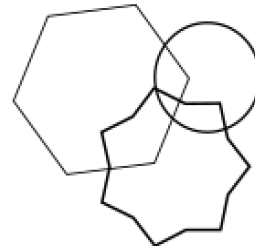
1.



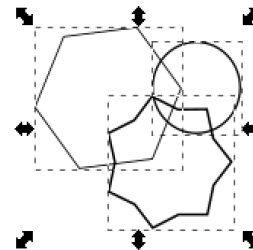
2.



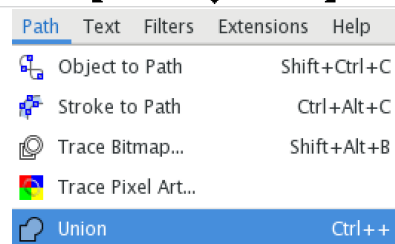
3.



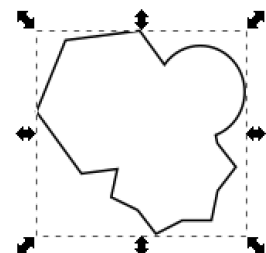
4.



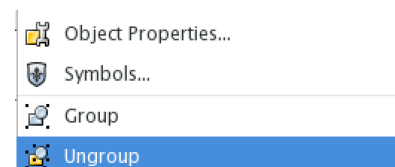
5.



6.

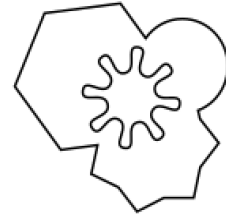


7.



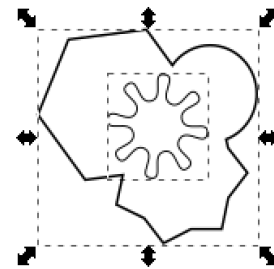
8. To cut out another shape from this combined cluster of shapes, position the new shape as desired.

8.



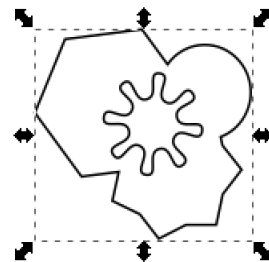
9. Draw a box around both shapes to select them.

9.



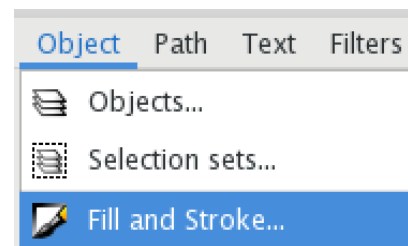
10. Go to the **Path** menu and click **Exclusion**.

10.



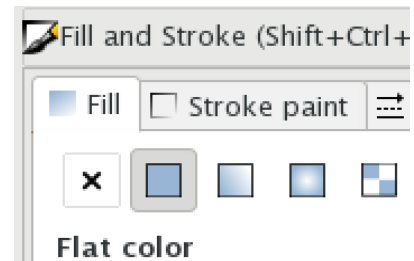
11. Go to **Object** menu and click **Fill and Stroke**. The menu will appear on the right hand side of your screen.

11.



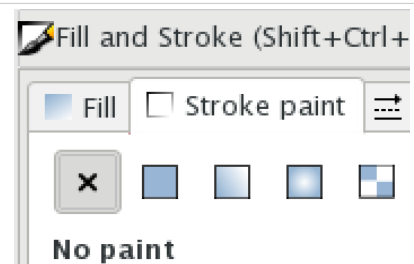
12. In the **Fill** tab click **Flat Colour**

12.



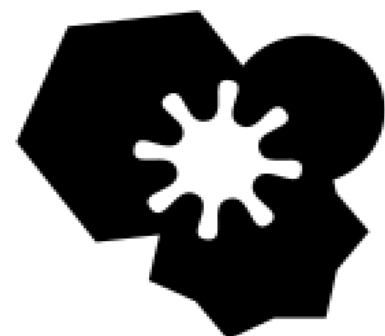
13. In the **Stroke paint** tab click **No paint**

13.



14. The black (or coloured) part of the shape is the area you will be left with when you cut or embroider your design

14.



See **Path menu tools & tips** sheet for more options