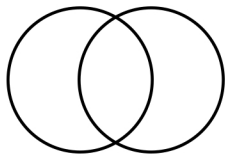
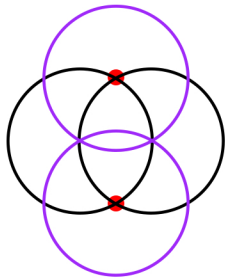


HOW TO DRAW A FRACTAL FLOWER OF LIFE

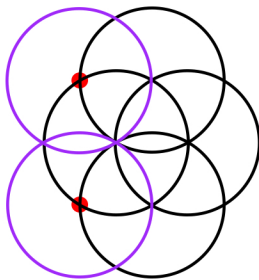
Using a compass, draw a circle (any size, but for smaller sized paper, a radius of 0.5cm works well). Then, place the metal tip of the compass on any point in the circle and draw a second circle. You should have this shape:



Use the intersections of the two circles for the **starting points** to place the metal tip of the compass and draw **two more circles**:

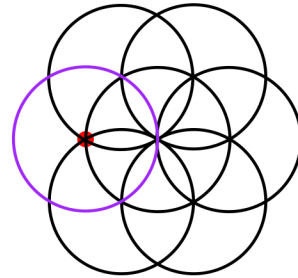


Locate the **two new intersecting points** and draw **two new circles** (you should have 6 at this point):

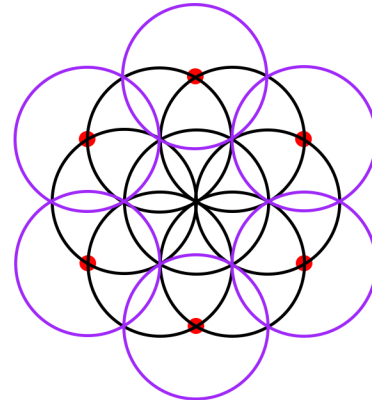


The two circles from the previous step should intersect at a **single point** on the original circle.

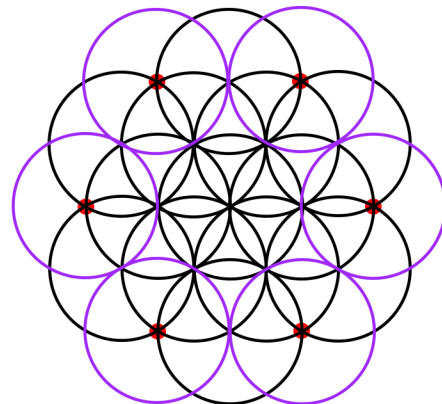
Use that point to draw the **seventh circle** to complete your “seed of life”:



Grow your flower by **adding circles** around the seed using the **outer intersecting points** as the center of each new circle:



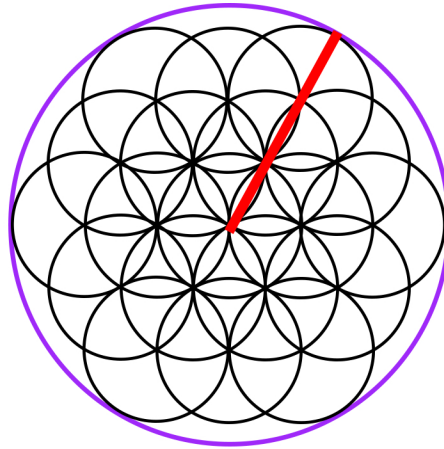
And add one more **layer of circles** using the **outermost intersecting points** for starting points:



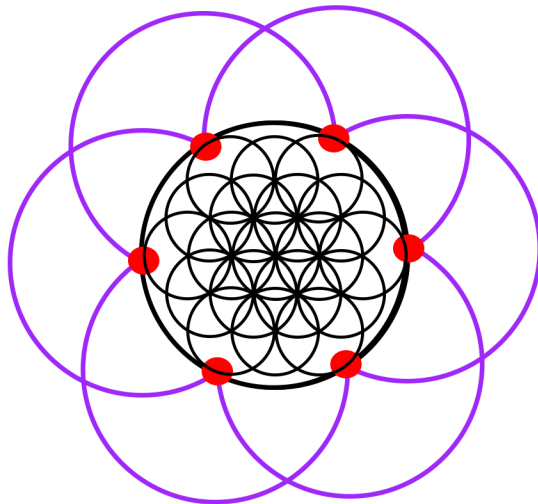
This is the first section, the innermost piece, of your fractal flower of life.

HOW TO DRAW A FRACTAL FLOWER OF LIFE - PAGE 2

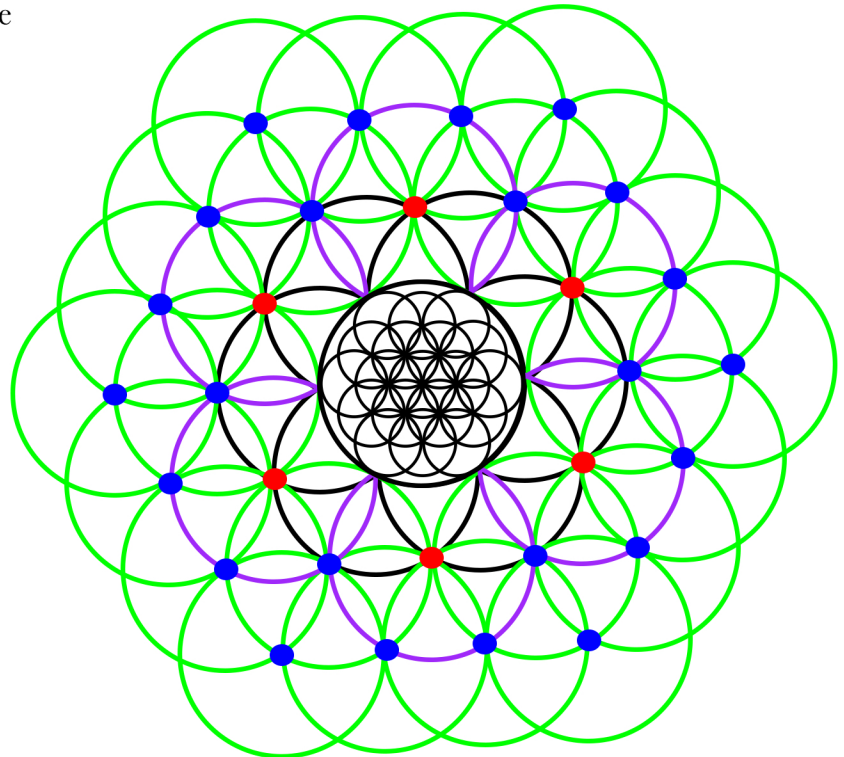
Make it a fractal flower of life by multiplying your original radius by 3, and drawing a **containing circle** around your pattern. (You can approximate the **new radius** by placing the metal tip of the compass on the center point of your flower of life and extending the drawing tip out to the farthest point on one of the outer circles.)



Using the containing circle, add a new layer of larger circles around the original central design, using the places where the smaller outer circles intersect with the outer containing circle for midpoints (without drawing new lines inside the containing circle).



Continue adding **new circles** at each **outer intersection** (and **circles** at **subsequent intersections**) until you have a ring of larger flowers around the central design.



Once you have your larger ring of flowers of life, repeat the process of multiplying the radius by 3, draw your larger containing circle and then continuing to draw larger sets of interlocking circles - a fractal flower of life!