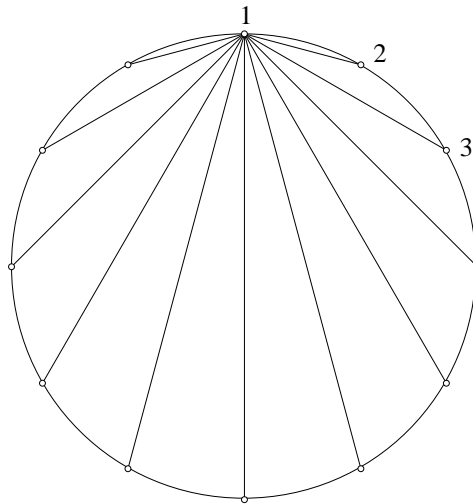# THE MYSTIC ROSE

A 'Mystic Rose' is the name given to the pattern obtained when several points are spaced evenly around the circumference of a circle, and every point is joined to every other point.

A Mystic Rose design has been started below, with point 1 joined to every other point.

Construct a large circle by drawing two semi–circles using Maths–Pro's protractor.

Measure 30° intervals around the circle.
Begin as shown below, then join point 2 to every other point.  Next, join point 3 to every other point.  Continue this procedure until each point is joined to every other point.  You will then have a completed Mystic Rose.
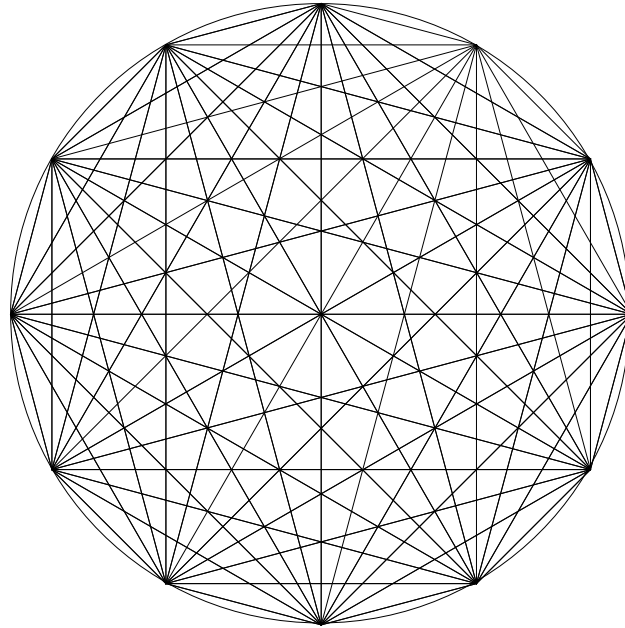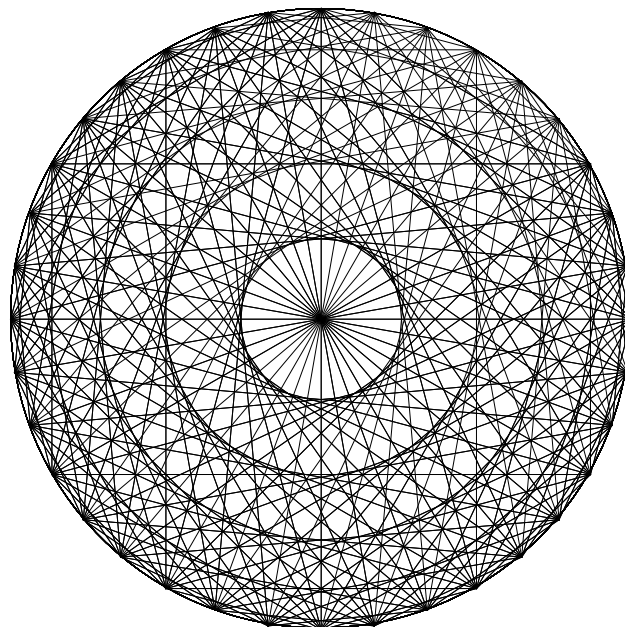


***Extension.***
Investigate the effect of fewer (or more) points around the circumference.

The completed '12 point' Mystic Rose.



A computer generated 36 point Mystic Rose.