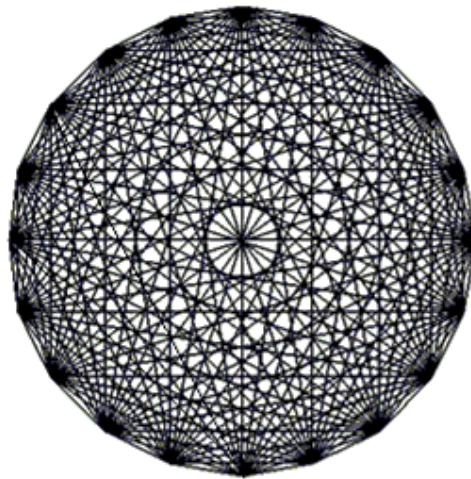


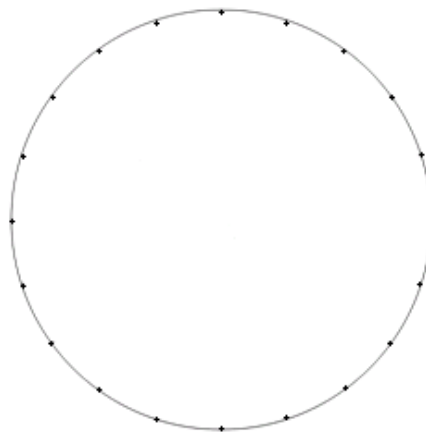
Mystic rose



A mystic rose starts with a circle. On that circle there are twenty points.

These points are evenly spaced around a circle.

Every point is joined to every other point.



Use a ruler and join all the points to every other point on the circle.

How many lines are required to construct the mystic rose?



Number the points from 1 to 20...



How many lines are required to construct a 5 pointed mystic rose?

Or a 10 pointed mystic rose?

Find out the rule!