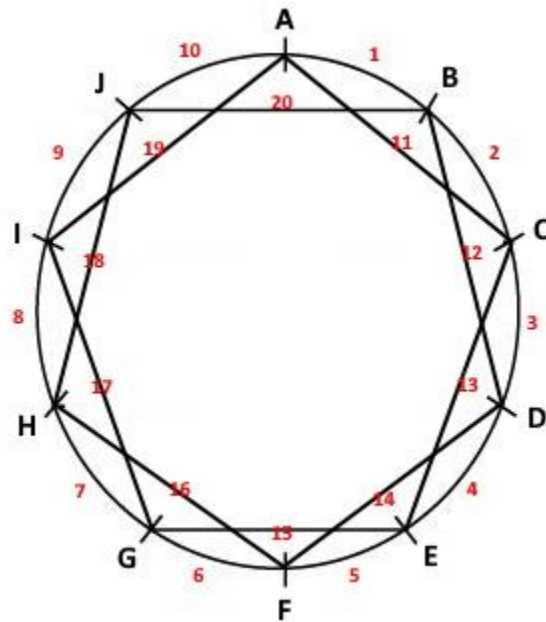


Colin first came up with 20 connections:



Then he explored the possibility of connecting the points on the circle using a grid of chords to connect them, and came up with 17 connections.

