Equation of a Circle with Center $(0,0)$ and radius r	Equation of a Circle with Center (h,k) and radius r
$x^2 + y^2 = r^2$	$(x-h)^2 + (y-k)^2 = r^2$
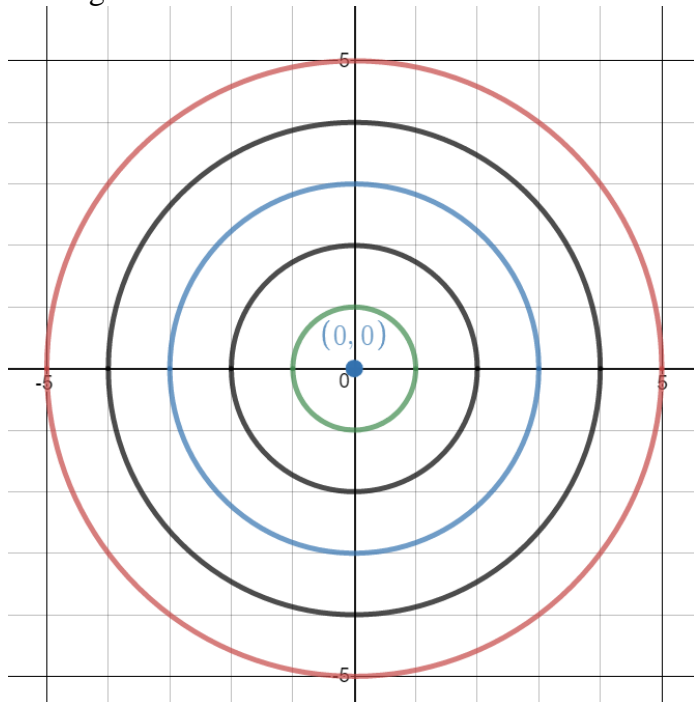
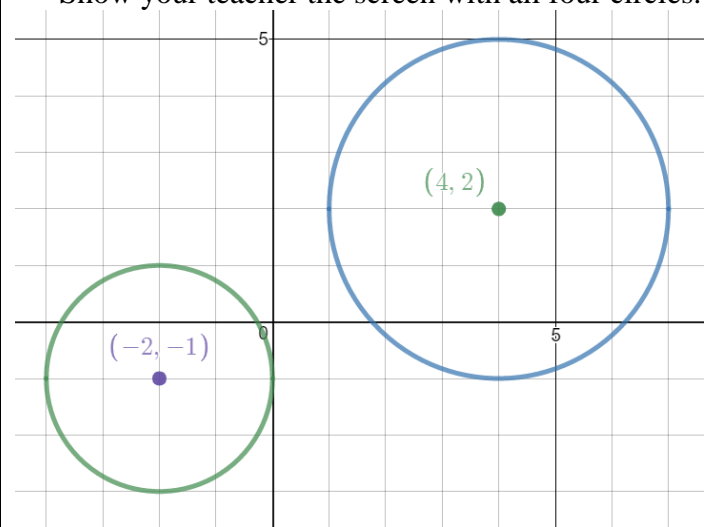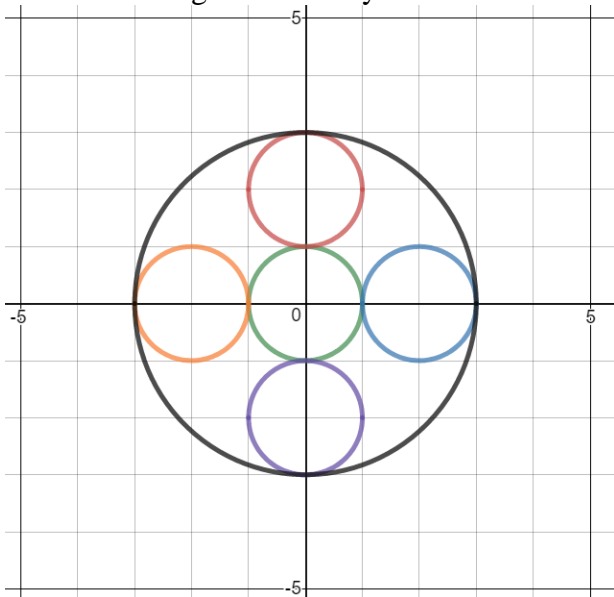|	
1) Create this graph in Desmos and show your teacher. If you are ready to move on and your teacher is busy, open a new tab with Desmos and try the next graph. Enter $x^2 + y^2 = 1$ in Desmos to get the smallest circle and then find the others.	2) Type: $(x-4)^2 + (y-2)^2 = 9$ To get the circle on the right. Then on a new line find the equation of the circle on the left. Add two other circles (A) center $(-3,4)$ and radius 1 (B) center $(2,-1)$ with radius 4 Show your teacher the screen with all four circles.
3) Make this design and show your teacher.	4) Input these equations and then continue the graph to complete the drawing and show your teacher.
5) Option 1: Make a new design with at least 4 circles and two lines.	Option 2: Graph $x^2 + y^2 = 25$ and the line tangent to the circle at $(3,4)$.