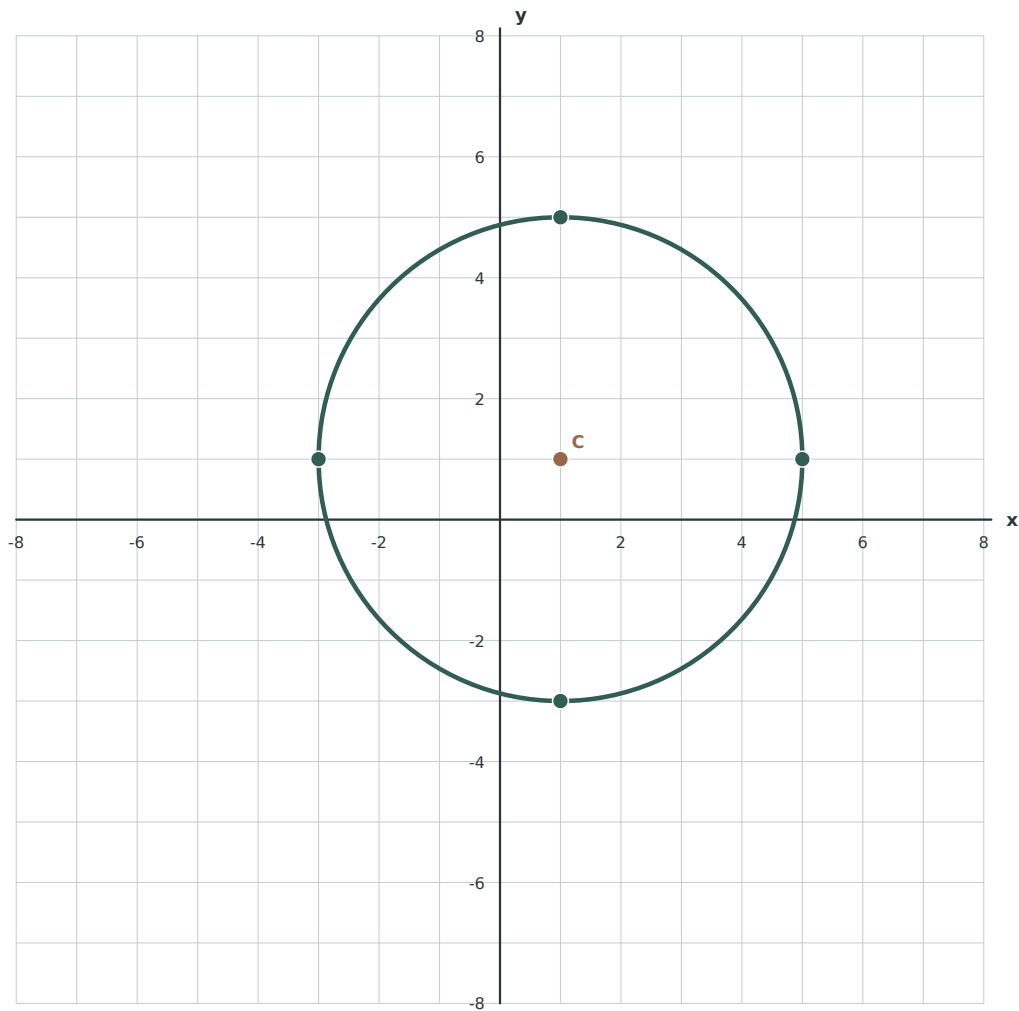


A larger circle

Plot the center, mark the radius in four cardinal directions and draw a smooth circle. The equation uses coordinate units, not the printed diameter.

Center $C=(1,1)$; radius $r=4$.



1. State center and radius. Center $(1,1)$; radius 4.
2. Mark four cardinal points. Cardinal points: $(-3,1)$, $(5,1)$, $(1,-3)$, $(1,5)$.
3. Write standard-form equation. $(x - (1))^2 + (y - (1))^2 = 16$.

Original practice data / coordinate units, not ruler measurements / physical printing not tested