

Equations of Circles

Solutions

1. Center: $(2, 10)$, Radius: 2
2. $(x - 5)^2 + (y - 4)^2 = 5$
3. Center: $(5, 1)$, Radius: $\sqrt{22}$
4. Center: $(3, 1)$, Radius: 3
5. Center: $(-10, -9)$, Radius: 5
6. $(x + \sqrt{5})^2 + (y - \sqrt{5})^2 = 9$
7. Center: $(-5, -4)$, Radius: 8
8. $(x - 10)^2 + (y - 1)^2 = 121$
9. Center: $(\sqrt{3}, -\sqrt{5})$, Radius: 5
10. Center: $(1, -3)$, Radius: $\sqrt{3}$