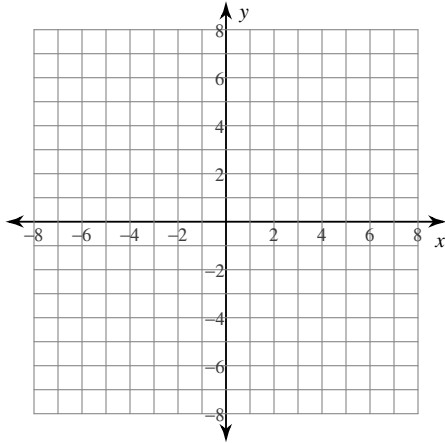


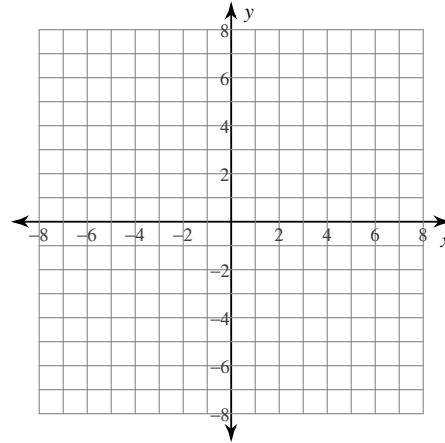
Sketching the Graph of a Circle Given the General Form of the Equation

Identify the center and radius of each. Then sketch the graph.

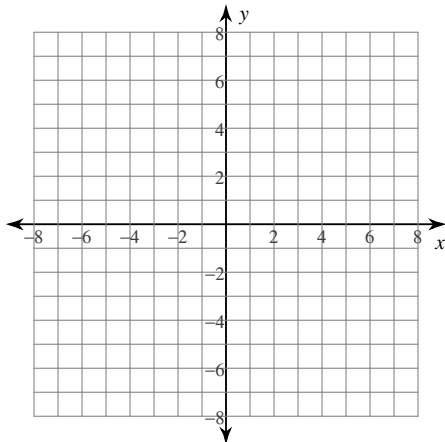
1) $x^2 + y^2 - 1 = 0$



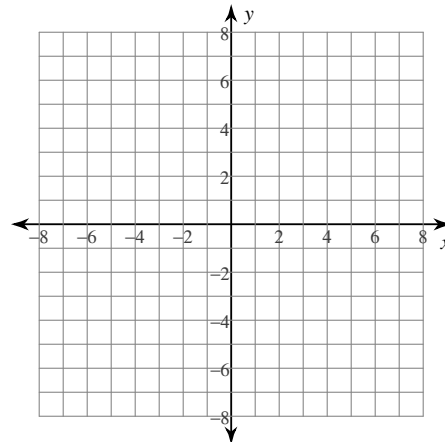
2) $x^2 + y^2 - 4 = 0$



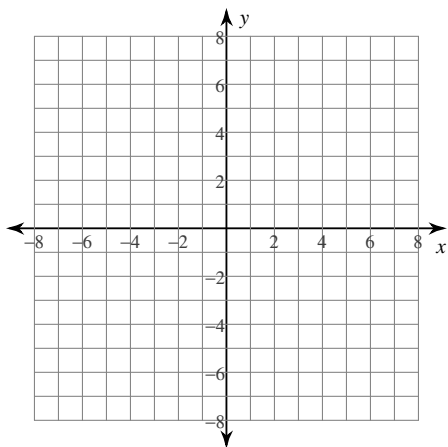
3) $x^2 + y^2 - 36 = 0$



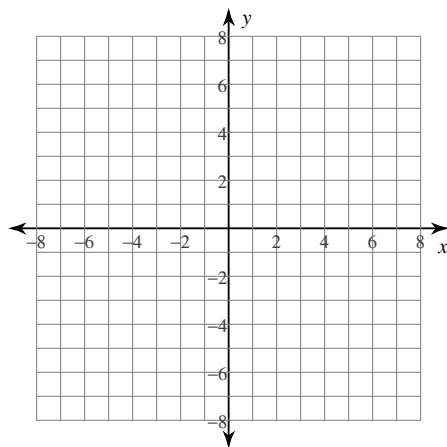
4) $x^2 + y^2 - 49 = 0$



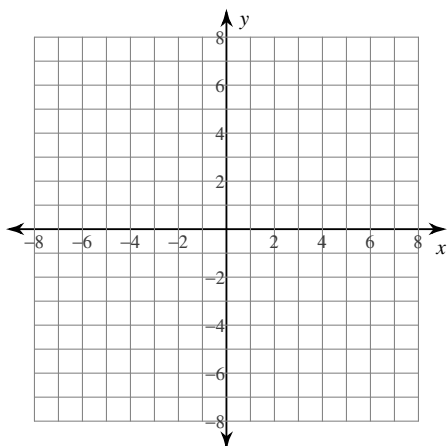
$$5) x^2 + y^2 + 4x - 6y + 12 = 0$$



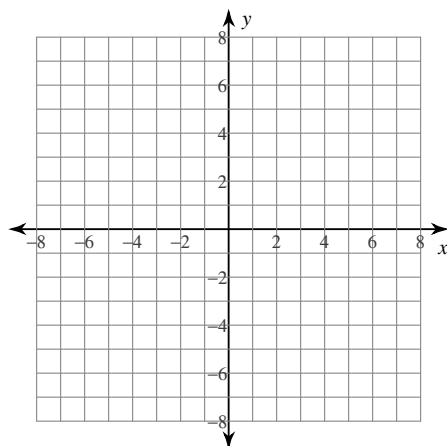
$$6) x^2 + y^2 + 6x - 2y + 6 = 0$$



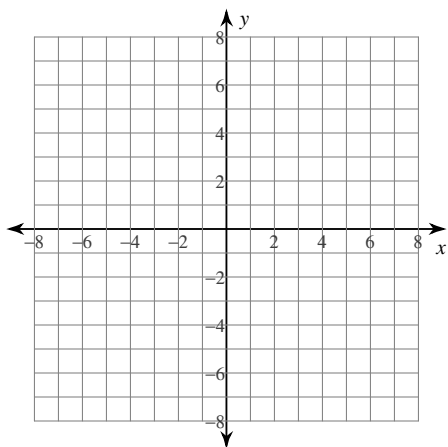
$$7) x^2 + y^2 - 2x + 6y - 6 = 0$$



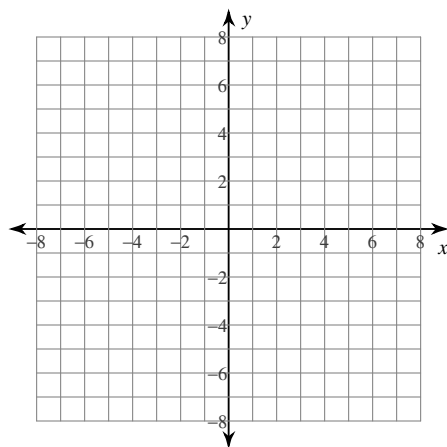
$$8) x^2 + y^2 + 4x + 4y - 8 = 0$$



$$9) x^2 + y^2 - 4x - 8y + 16 = 0$$

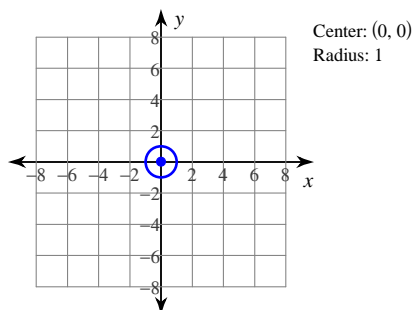


$$10) x^2 + y^2 + 6x - 8y + 24 = 0$$

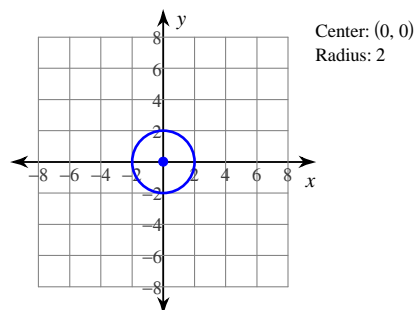


Answers to Sketching the Graph of a Circle Given the General Form of the Equation

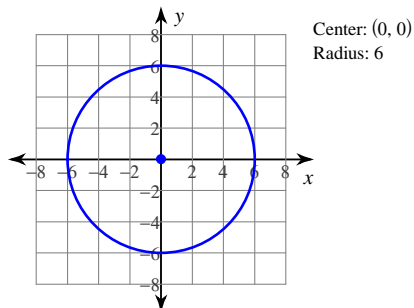
1)



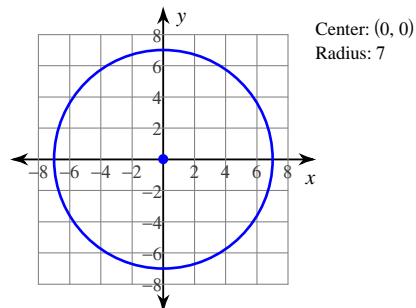
2)



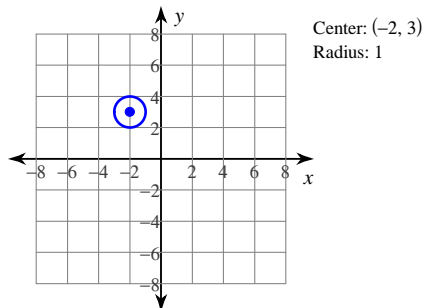
3)



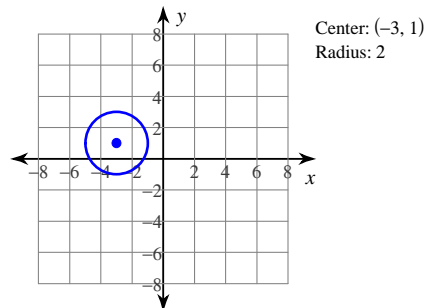
4)



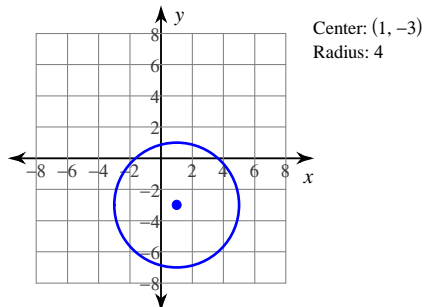
5)



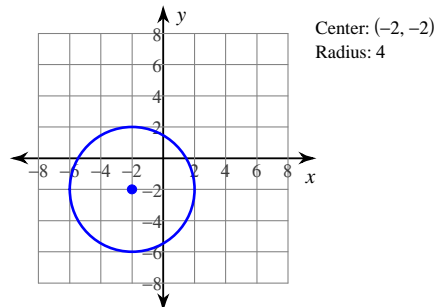
6)



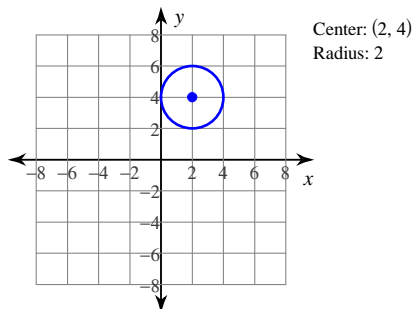
7)



8)



9)



10)

