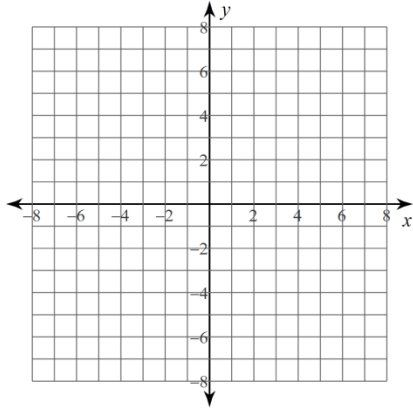


All Conics

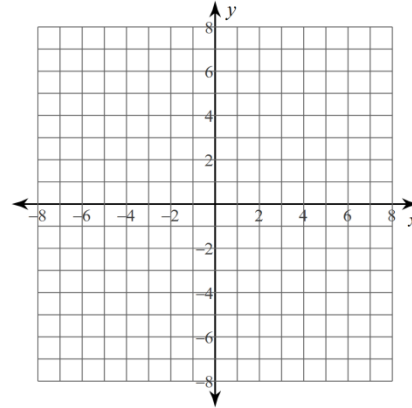
Name _____ Period _____

Identify each conic, then find the center, vertices, foci, directrix, asymptotes or radius as appropriate.

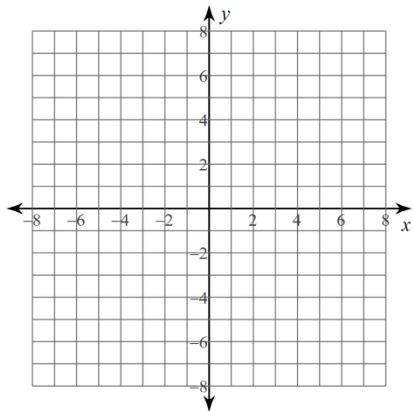
1. $y^2 + x - 2y + 1 = 0$



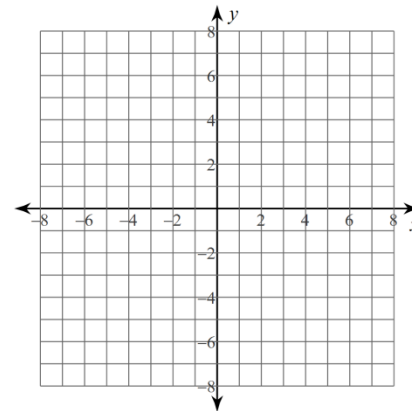
2. $x^2 + y^2 + 6x - 8y + 21 = 0$



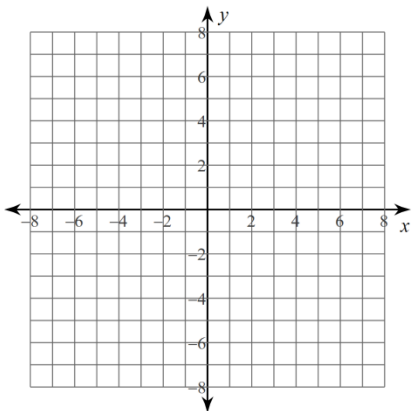
3. $9x^2 + 4y^2 - 36x = 0$



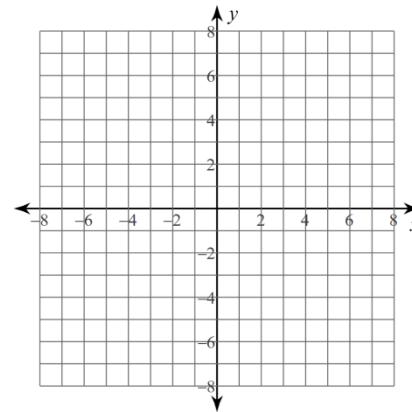
4. $-16x^2 + 25y^2 - 50y - 375 = 0$



5. $9x^2 + 4y^2 - 36x + 8y + 4 = 0$

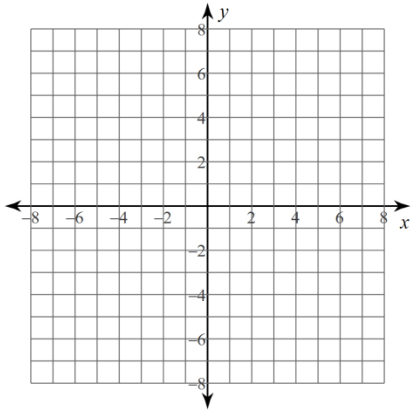


6. $x^2 + y^2 + 4x + 2y - 14 = 0$

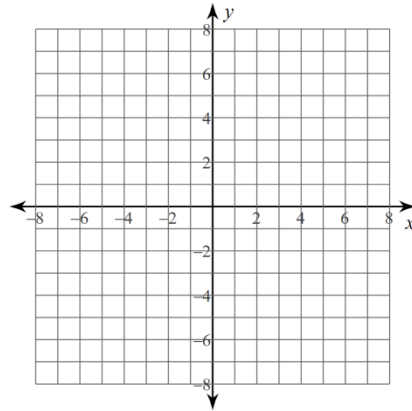


Algebra 2

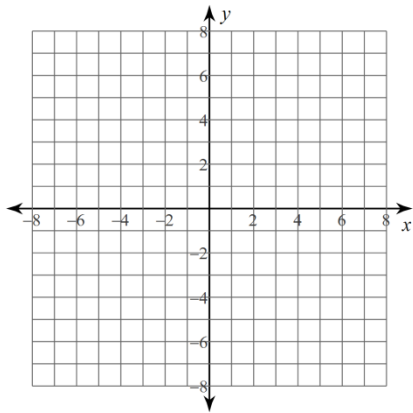
7. $5y^2 + x - 20y + 23 = 0$



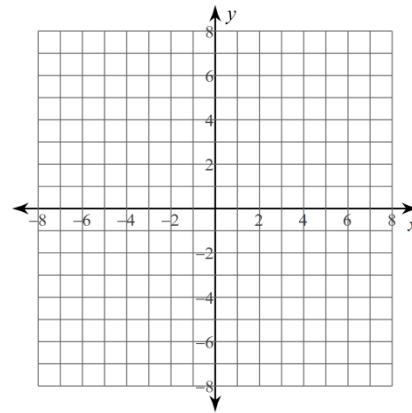
8. $-x^2 + 16y^2 + 2x - 96y + 127 = 0$



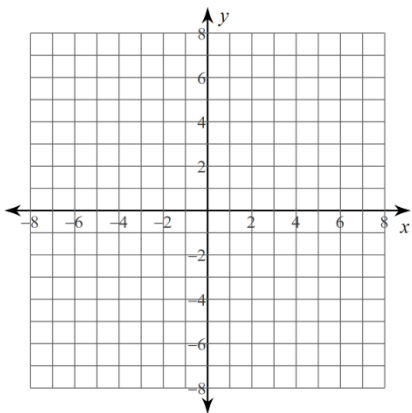
9. $-x^2 + 25y^2 - 200y + 375 = 0$



10. $-y^2 + x - 8y - 15 = 0$



11. $25x^2 + 4y^2 - 100x - 16y + 16 = 0$



12. $x^2 + y^2 + 6x + 4y + 12 = 0$

