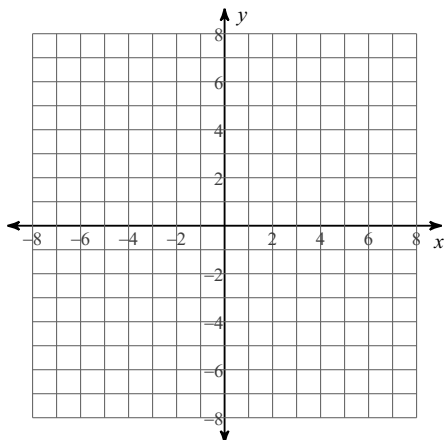


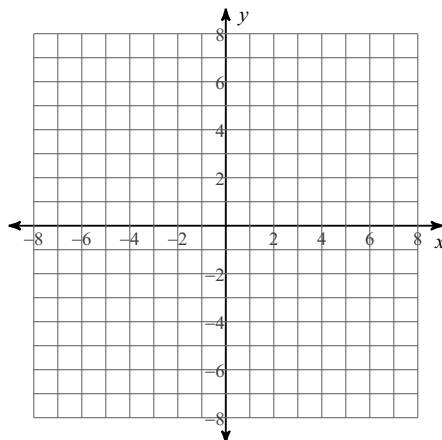
HW #54 Hyperbolas

Graph each equation.

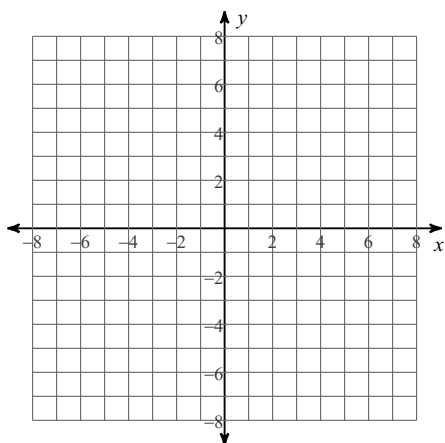
1) $\frac{(y-1)^2}{9} - \frac{x^2}{25} = 1$



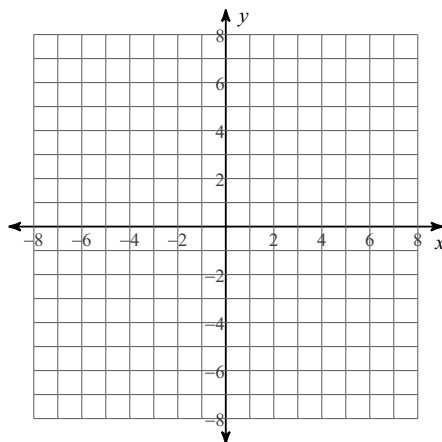
2) $\frac{(x+1)^2}{9} - (y-1)^2 = 1$



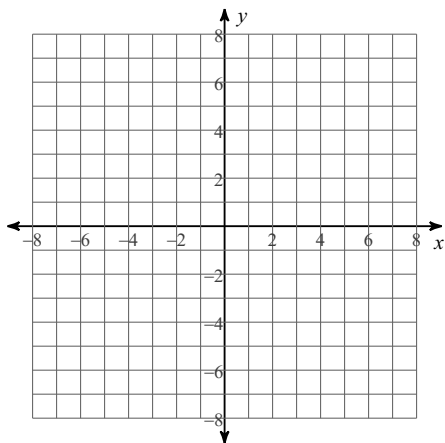
3) $\frac{x^2}{25} - \frac{y^2}{25} = 1$



4) $25x^2 - 4y^2 - 150x + 125 = 0$



5) $-25x^2 + 16y^2 + 50x - 425 = 0$



6) $4x^2 - 4y^2 - 28x + 24y + 9 = 0$

