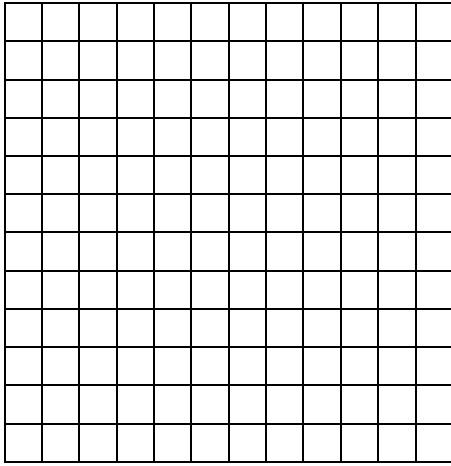
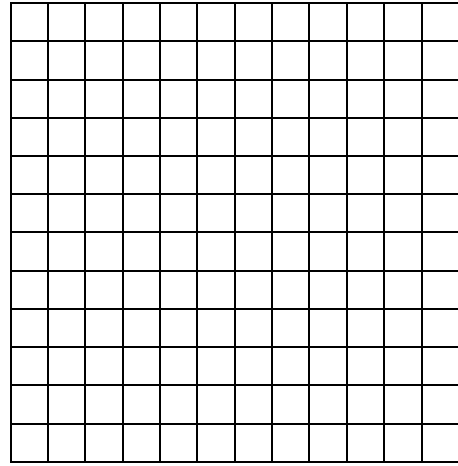


Name _____ Block _____

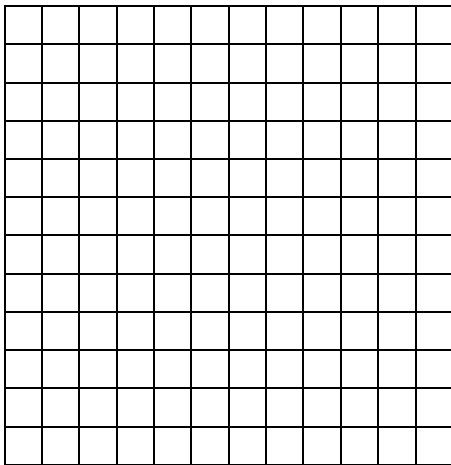
Graph the equation.



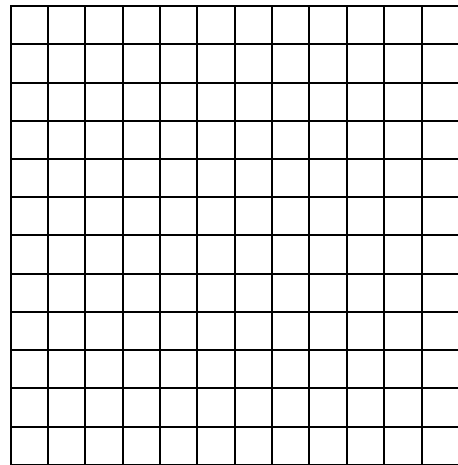
1) $(y-4)^2 = 8(x-1)$



2) $(x-1)^2 + (y-2)^2 = 9$



3) $\frac{(x-3)^2}{9} + \frac{(y+1)^2}{25} = 1$



4) $\frac{(y+2)^2}{4} - \frac{(x-1)^2}{16} = 1$

Write the equation for the conic section:

5) Circle with center at $(-3,1)$ and radius 2.

6) Hyperbola with vertices at $(8,-4)$ and $(8,4)$ and foci at $(8,-6)$ and $(8,6)$.

Write the equation in standard form.

7) $y^2 - 2y + 16x - 31 = 0$

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