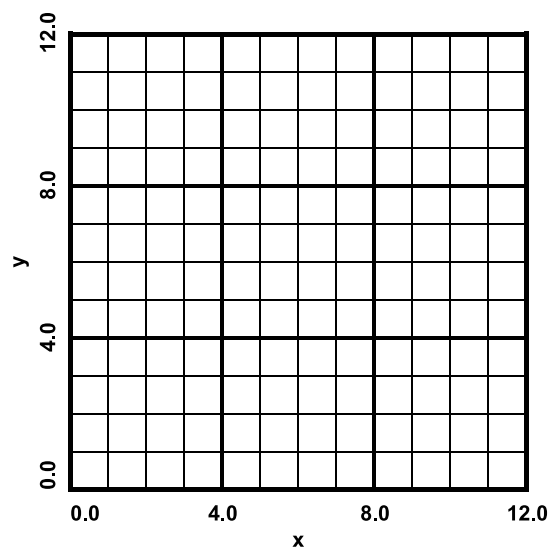


PRE-AP ALGEBRA 2

2B.2 CLASSWORK

1) For $y = f(x) = x^2 - 8x + 19$:

- a) Calculate $y = f^{-1}(x)$
- b) Graph $y = f(x)$, $y = f^{-1}(x)$ and $y = x$ on the grid below.



2) For $y = f(x)$ and $y = f^{-1}(x)$ from problem 1, verify that $f(f^{-1}(x)) = x$.