17.812J / 14.296J Collective Choice I
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Remember: Assume that
\[ y = f(x) \]
and \( f \) is invertible. Then
\[ x = f^{-1}(y) \]
and
\[ \frac{df^{-1}(y)}{dy} = \frac{dx}{dy} = \frac{1}{\frac{dy}{dx}} = \frac{1}{f'(x)} = \frac{1}{f'(f^{-1}(y))} \]