

13. $f(x) = x^{\frac{2}{5}}$, $x \geq 0$

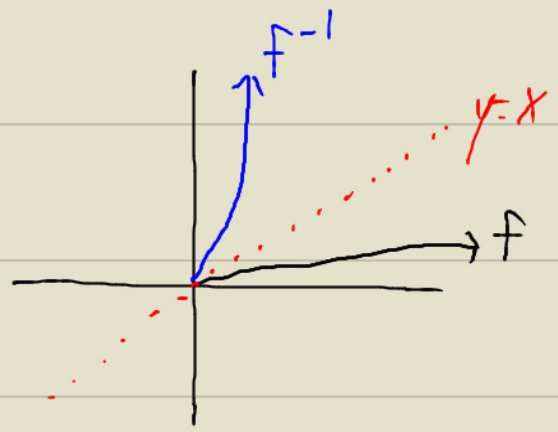
① $y = x^{\frac{2}{5}}$

② $x = y^{\frac{5}{2}}$ ← EVEN, PUT ±

③ $\pm x^{\frac{5}{2}} = \left(y^{\frac{2}{5}}\right)^{\frac{5}{2}}$

$\pm x^{\frac{5}{2}} = y$

④ $f^{-1}(x) = \pm x^{\frac{5}{2}}$
"y"



⑤ $f^{-1}(x) = x^{\frac{5}{2}}$