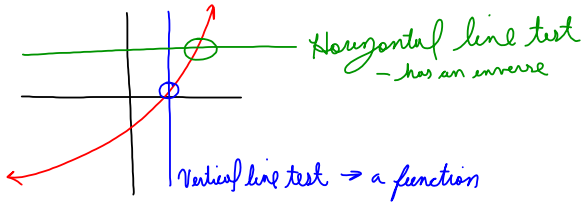
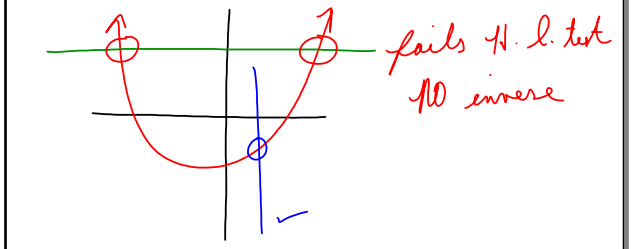
October 30, 2017



Oct 30-10:52 AM



Oct 30-11:08 AM

Inverses

#11) $h(x) = 2x^3 + 3$

① $y = 2x^3 + 3$

② $x = 2y^3 + 3$: solve for "y"

③ $\frac{x-3}{2} = \frac{2y^3}{2}$

$\sqrt[3]{\frac{x-3}{2}} = \sqrt[3]{y^3}$

$\sqrt[3]{\frac{x-3}{2}} = y$

$y = \sqrt[3]{\frac{x-3}{2}}$

④ $h^{-1}(x) = \sqrt[3]{\frac{x-3}{2}}$

Oct 30-11:10 AM