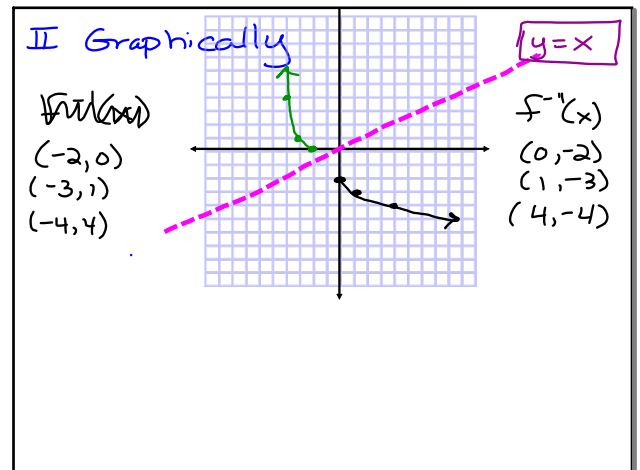


Inverses: $f^{-1}(x)$ 8/23
 $x \leftrightarrow y$
 I. Points $f^{-1}(x) =$

x	0	1	2	3	4
y	1	-2	4	-1	0

x	1	-2	4	-1	0
y	0	1	2	3	4

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III Algebraically $f^{-1}(x)$
 ① $y = -x + 5$
 $x = -y + 5$ solve for y
 $x - 5 = -y$
 $-x + 5 = y$ ✓

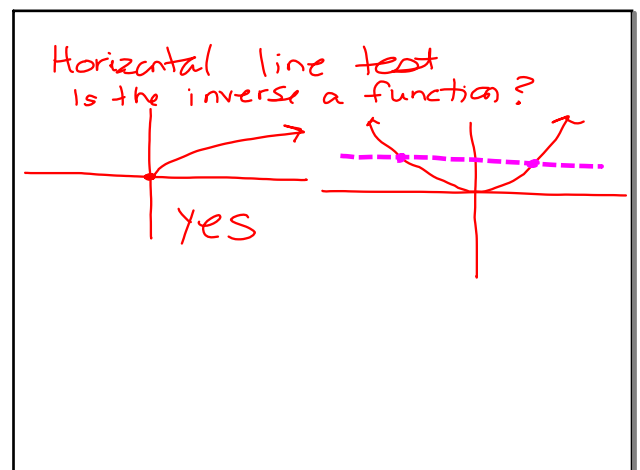
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② $y = 4x - 9$
 $f^{-1}(x)$
 $x = 4y - 9$ solve for y
 $x + 9 = 4y$
 $\frac{x+9}{4} = y$

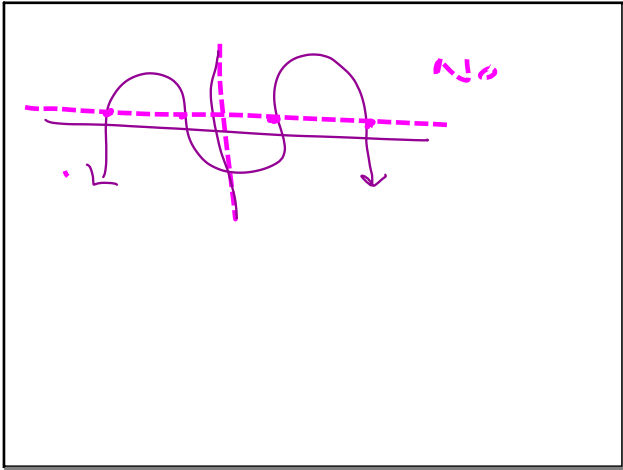
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③ $y = x^2 - 1$
 $x = y^2 - 1$
 $\sqrt{x+1} = \sqrt{y^2}$
 $y = \pm \sqrt{x+1}$ inverse

Aug 23-9:35 AM



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Aug 23-9:41 AM