

1.5 HW

Sunday, September 6, 2015
8:40 AM

Pg. 126) # 9-31 odd, 43

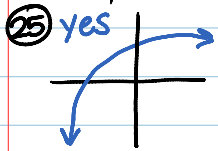
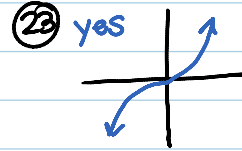
9) No, yes 11) yes, yes 13) $f^{-1}(x) = -\frac{1}{3}x + 2$ OR $f^{-1}(x) = \frac{x+6}{3}$
D: $(-\infty, \infty)$

15) $f^{-1}(x) = \frac{-x-3}{x-2}$; D: $(-\infty, -2] \cup [2, \infty)$

17) $f^{-1}(x) = x^2 + 3$
D: $[0, \infty)$

19) $f^{-1}(x) = \sqrt[3]{x}$
D: $(-\infty, \infty)$

21) $f^{-1}(x) = x^3 - 5$
D: $(-\infty, \infty)$



27-31) show that
 $f(g(x)) = x$ &
 $g(f(x)) = x$

43) c