

Unit 6: HW #8

1. yes ; 1 to 1
2. NO ; not 1 to 1
3. NO
4. NO
5. yes
6. $f^{-1}(x) = -x + 9$
7. $f^{-1}(x) = \frac{3}{4}x + \frac{21}{4}$
8. $f^{-1}(x) = x^2 + 10x + 25$
9. $f^{-1}(x) = \sqrt[4]{x} + 2$
10. yes; Inverses
11. Not inverses
12. yes inverses
13. Not inverses
14. $f^{-1}(x) = -\frac{3}{2}x - 6$
15. $f^{-1}(x) = \pm \sqrt{-x + 6}$