

Name _____

Date _____

Inverses of Discrete Functions - Independent Practice Worksheet

Complete all the problems. Find the inverse functions.

1. If $f(x) = 4x + 8$ Find $f^{-1}(x)$

2. If $f(x) = \{(4, 8), (-6, -8), (11, -3), (8, 5)\}$, Find $f^{-1}(x)$

3. If $f(x) = \sqrt{x + 6}$ Find $f^{-1}(x)$

4. If $f(x) = 8x + 4$ Find $f^{-1}(x)$

5. If $f(x) = \{(1, 4), (3, -7), (12, -2), (-8, -1)\}$, Find $f^{-1}(x)$

6. If $f(x) = \sqrt{x + 5}$ Find $f^{-1}(x)$

7. If $f(x) = 6x + 3$ Find $f^{-1}(x)$

8. If $f(x) = \{(2, 3), (5, -7), (13, -3), (7, -3)\}$, Find $f^{-1}(x)$

9. If $f(x) = \sqrt{x + 9}$ Find $f^{-1}(x)$

10. If $f(x) = 21x + 7$ Find $f^{-1}(x)$

