Determine graphically if the following functions are one-to-one. For those that are one-to-one, sketch \( f^{-1} \), labeling at least 3 points.
For each of the following functions:

- Find $f^{-1}(x)$ analytically.
- (Optional) Check your answer either analytically or graphically.
- State the domain and range of $f$.
- State the domain and range of $f^{-1}$.

5. $f(x) = 3^x + 2$

6. $f(x) = 3^{x+2}$

7. $f(x) = 5 \cdot \frac{1-x}{2}$

8. $f(x) = 10^{2x-7} - 5$

9. $f(x) = -e^{4x-1} + 3$

10. $f(x) = \log_4(x - 2)$

11. $f(x) = \ln(x) - e^5$

12. $f(x) = \log(3x)$

13. $f(x) = \ln(x - 1) + 6$

14. $f(x) = 5 \log_7(x + 4)$