5-5 Assignment

Find the inverse of each function.

1) $y = -\frac{5^x}{3}$

2) $y = -\frac{3^x}{2}$

3) $y = \frac{2^x + 8}{-2}$

4) $y = \left(\frac{6^x}{4}\right)^{\frac{1}{3}}$

5) $y = \log_6 x - 8$

6) $y = \log_4 x + 9$

7) $y = \log_5 (-2x)$

8) $y = 6 \ln x$

9) $y = \log_4 (x + 2) + 9$

10) $y = \log_5 (-4x) - 7$

11) $y = \log_2 (-3x + 2) + 5$

12) $y = 3 \log_6 (-2x) - 7$