Finding the Inverse of an Exponential Practice Problems

Find the inverse of each function.

1) $y = 4^x + 6$

2) $y = 6^x - 6$

3) $y = 5^x + 2$

4) $y = 4^x + 4$

5) $y = 4^x + 10$

6) $y = 6^x + 8$

7) $y = 10^x - 6$

8) $y = 6^x + 6$

9) $y = 2^x + 8$

10) $y = 3^x - 8$

Answers to Finding the Inverse of an Exponential Practice Problems

1) $y = \log_4 (x - 6)$
2) $y = \log_6 (x + 6)$
3) $y = \log_5 (x - 2)$
4) $y = \log_4 (x - 4)$
5) $y = \log_4 (x - 10)$
6) $y = \log_6 (x - 8)$
7) $y = \log (x + 6)$
8) $y = \log_6 (x - 6)$
9) $y = \log_2 (x - 8)$
10) $y = \log_3 (x + 8)$