

Finding Inverses of Exponential Functions

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Find the inverse of each function.

1) $y = 4^x$

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

3) $y = 5^x$

4) $y = 3^x$

5) $y = 2^x$

6) $y = 6^x$

7) $y = 10^{\frac{x}{3}}$

8) $y = 4^x + 8$

9) $y = \frac{1}{2 \cdot 4^x}$

10) $y = \frac{4^x}{2}$

11) $y = x$

12) $y = 5^x - 2$

13) $y = 3^x - 5$

14) $y = 2^x + 6$

15) $y = 2^{\frac{x}{4}}$

16) $y = 2^x - 9$

17) $y = 4^x + 10$

18) $y = 6^x + 4$