Advanced Functions

Exponential

Exp Horizontal Asymptotes

1. $horizontal\ asymptotes\ 2^x$

2. $horizontal\ asymptotes\ 3^x$

3. $horizontal\ asymptotes\ 2^{x+1}$

4. $horizontal\ asymptotes\ 3^x - 1$

5. $horizontal\ asymptotes\ 2^{x-3}$

6. $horizontal\ asymptotes\ 2^x - 3$

7. $horizontal\ asymptotes\ 5^x + 3$

8. $horizontal\ asymptotes\ f(x) = 4^{-2x+2}$

9. $horizontal\ asymptotes\ f(x) = 4^{-x+1} - 1$

10. $horizontal\ asymptotes\ -4^{x+1}$

Answers

Advanced Functions

Exponential

Exp Horizontal Asymptotes

1. $y = 0$

2. $y = 0$

3. $y = 0$

4. $y = -1$

5. $y = 0$

6. $y = -3$

7. $y = 3$

8. $y = 0$

9. $y = -1$

10. $y = 0$