

Quiz: Exponential Functions

1 The graph of 18^x intersects at ?

2 Find the domain of $f(x) = 16^x$

3 Find the range of 2^{x+3}

4 For what values of x will the function $y = 7^{2x}$ be greater than or equal to one?

5 Is the function $9 \cdot 2^x$ the same as the function 18^x

6 Consider the graph of $y = e^{7x+6}$ with the limited domain $[-2, 2]$. What is the maximum value of the function on this interval?

7 Which function is the inverse function of $y = e^{6x}$

8 For the graph below shows the function $f(x) = b^x$. Which statement must be true about b ?

9 Given the function $f(x) = 7e^{2.5x}$ find $f(4)$

10 Given: $f(x) = e^{8x}$ Find the value of $\ln(f(-2))$

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%