Name _____ Date _____

Quiz: Logarithmic Functions

1 The statement $y = \log_2 x$ is equals to ?

2 Find the domain of

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

3 Find the range of

$y = \log(9x) + 8$

4 The statement $f(x) = \log_{17} x$ is equals to ?

5 The graph of $y = \log_{20} x$ intersects at ?

6 Consider the graph of $y = \ln 6x$ with the limited domain $(2,13]$. What is the maximum value of the function on this interval?

7 Which function is the inverse function of $y=\ln(x^3)$

8 The graph below shows the function $y = \log_a 2x$

9 Find the domain of

$y = \ln(x-12)$

10 Given: $f(x) = e^{3\ln x}$ Find the value of $f(-4)$

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%