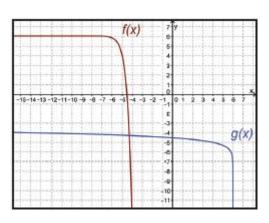
Algebraic Reasoning Name:		Algebraic Reasoning Name:	
	Per	n' <u></u>	
	РО	INTS:	
sswork #27 Quiz		Classwork #27 Quiz	
e your work when appropriate.	Ве	sure to include your work when appropriate.	
exponential function	1.	Generate the logarithmic function that is the inverse of the exponential function $g(x) = (10)^{x+1} + 3$	
$3 + 5$ and $g(x) = \log(x - 5) + 3$ are ding checking any necessary	2.	Using graphs and tables, verify whether or not $f(x) = 10^{x+3} + 5$ and $g(x) = \log(x - 5) + 3$ are inverses, including checking any necessary domain or range restrictions.	
2 and $g(x) = \ln(x - 2)$ are ding checking any necessary	3.	Using graphs and tables, verify whether or not $f(x) = e^x + 2$ and $g(x) = \ln(x - 2)$ are inverses, including checking any necessary domain or range restrictions.	
	_	Per PO sswork #27 Quiz e your work when appropriate. Be logarithmic function that is the exponential function +3 and tables, verify whether or $3+5$ and $g(x) = \log(x-5) + 3$ are ding checking any necessary ge restrictions. 2. and $g(x) = \ln(x-2)$ are ding checking any necessary	

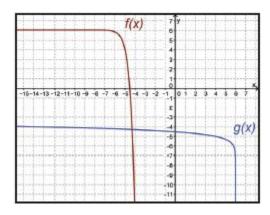
Compare the domain and range as well as any intercepts, if they exist, of the functions graphed below. Write domain and range as inequalities, intervals, or in set builder notation, and determine whether or not h(x) and p(x) are inverses.

4.

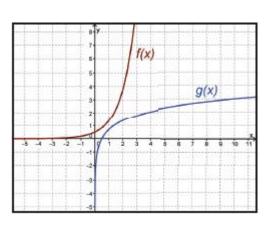


Compare the domain and range as well as any intercepts, if they exist, of the functions graphed below. Write domain and range as inequalities, intervals, or in set builder notation, and determine whether or not h(x) and p(x) are inverses.

4.



5.



5.

