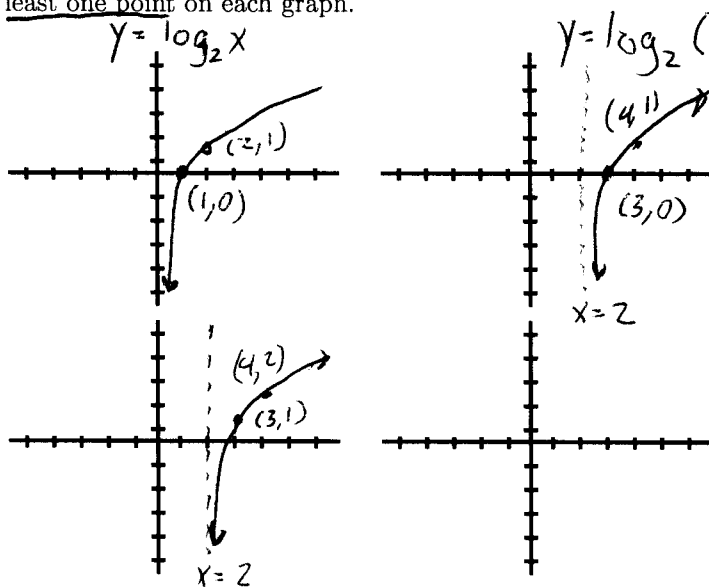


Problem 3 (20 points).

(10 points) a) Graph $f(x) = \log_2(x - 2) + 1$ using transformations. Label at least one point on each graph.



x	$\log_2(x - 2)$
3	$\log_2(3 - 2) = \log_2 1 = 0$
4	$\log_2(4 - 2) = \log_2 2 = 1$

(10 points) b) Graph $g(x) = 2 \log_{1/3}(x) + 2$ using transformations. Label at least one point on each graph.

