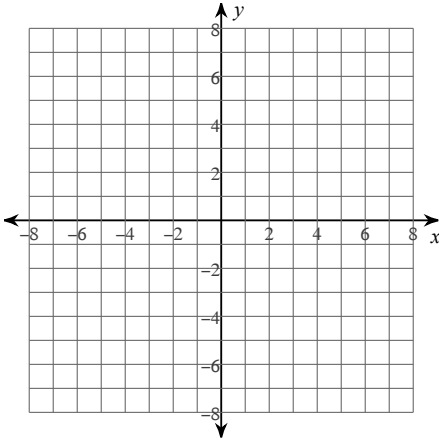


## WS Log Equations from Graphs

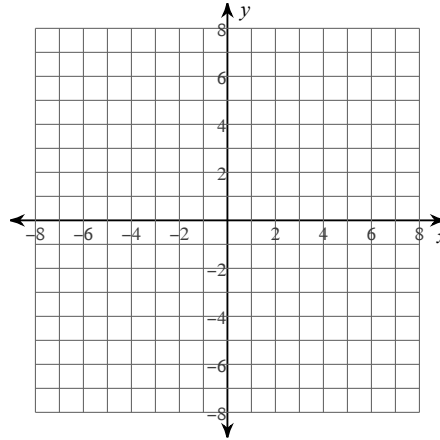
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

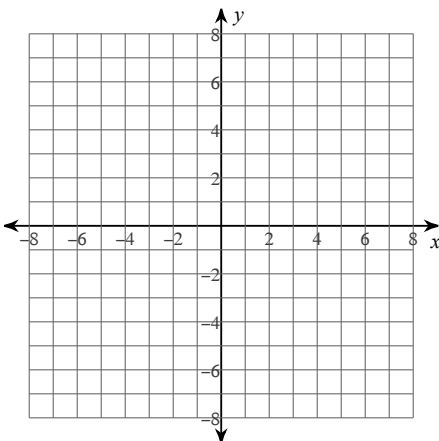
1)  $y = \log_4(x + 6) - 5$



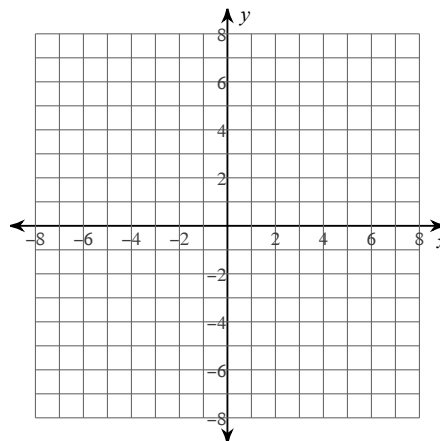
2)  $y = \log_6(x + 6) - 3$



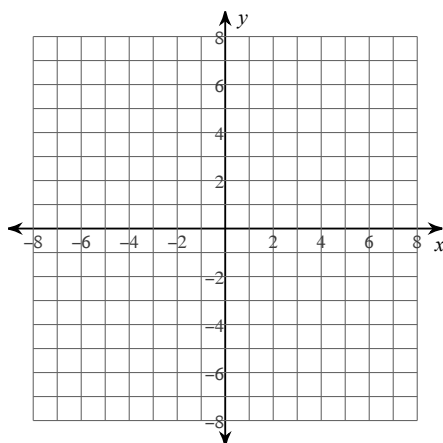
3)  $y = \log_6(x - 1) - 4$



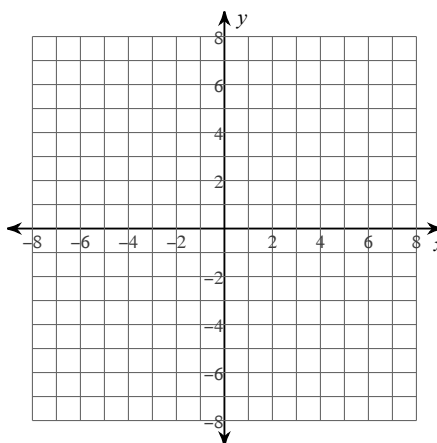
4)  $y = \log_2(x + 4) + 2$



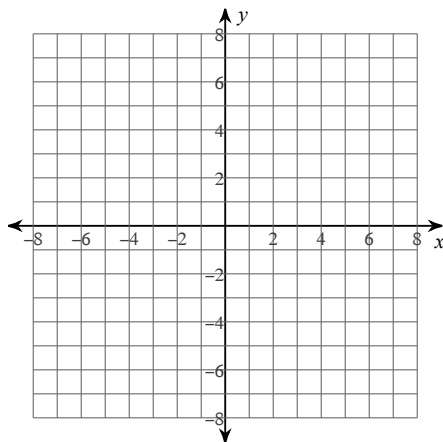
5)  $y = \log_6(x + 2) - 4$



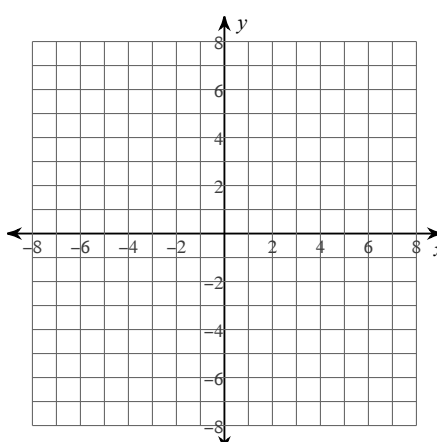
6)  $y = \log_4(x - 1) - 2$



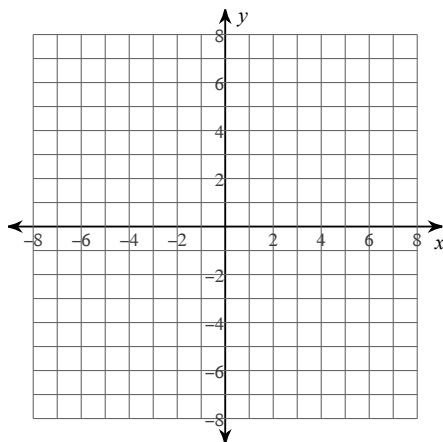
7)  $y = \ln(x - 1) + 2$



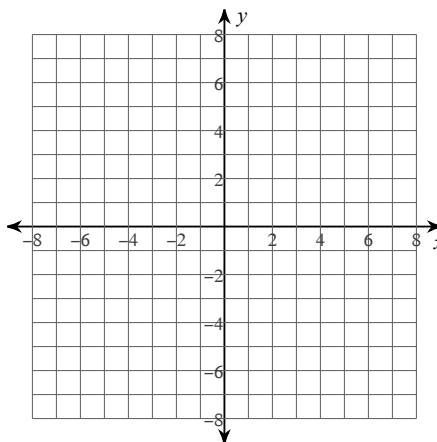
8)  $y = \log_2(x - 2) + 5$



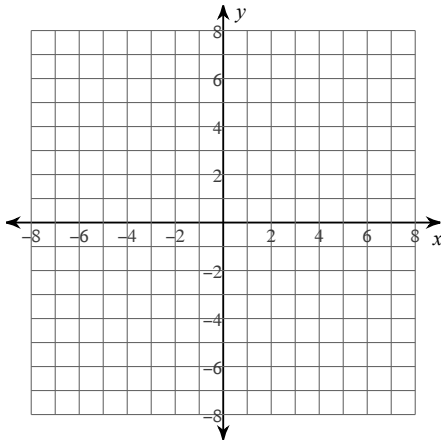
9)  $y = \log_2(x - 2) - 2$



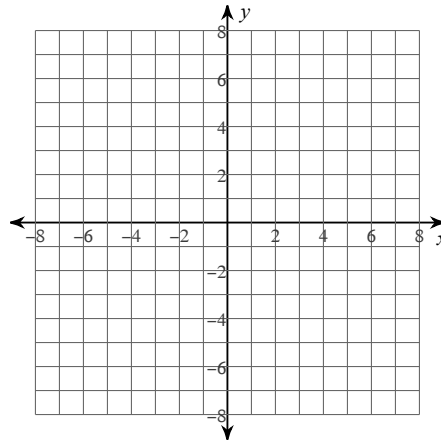
10)  $y = \log_5(x - 3) - 1$



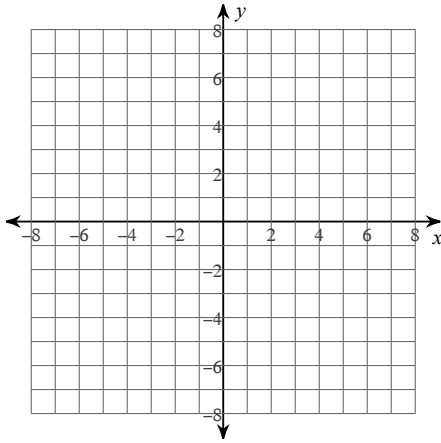
11)  $y = \log_5 (x - 1) + 3$



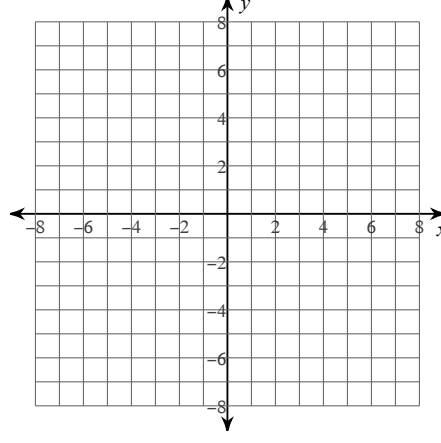
12)  $y = \log_2 (x - 1) - 2$



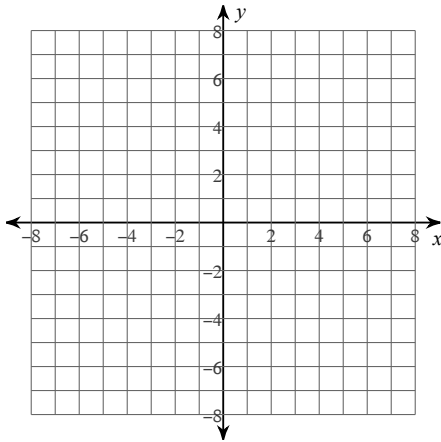
13)  $y = \log_2 (x - 1) + 2$



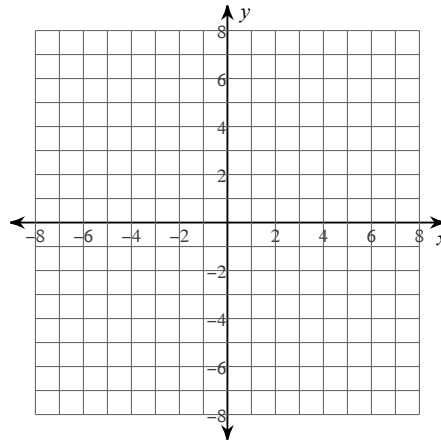
14)  $y = \log (x - 1) - 2$



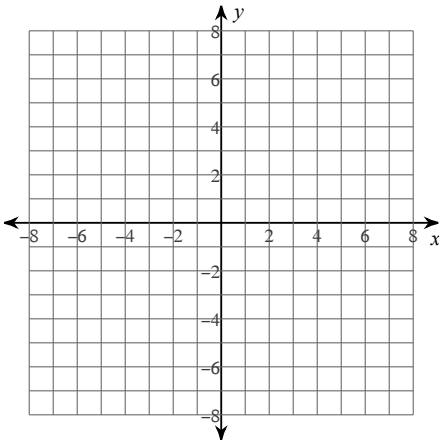
15)  $y = \log_5 (x + 4) - 2$



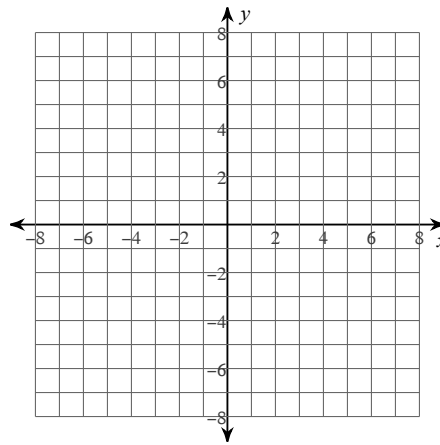
16)  $y = \log_5 (x - 1) + 5$



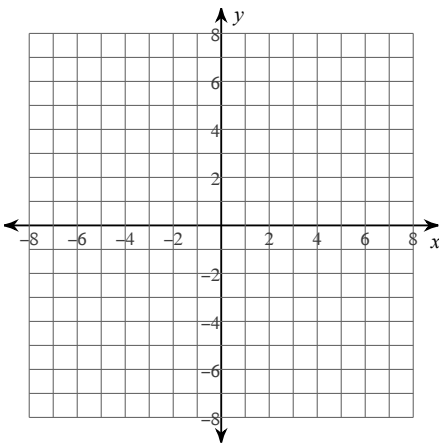
17)  $y = \log(x + 4) - 1$



18)  $y = \log_6(x + 3) + 3$



19)  $y = \log_4(x - 2) - 4$



20)  $y = \log_2(x + 3) + 1$

