

 $y = \frac{1}{2} \log a$ $\left(2, \alpha \right)$

문제 1. 다음 로그함수 그래프의 방향을 결정하시오.

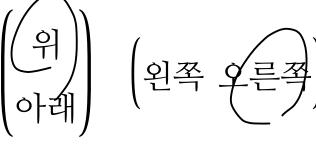
$$(1) y = \log_3(-x)$$

$$(2) y = \log_5 x$$

$$(3) y = -\log_2 x$$







6. [특강] 지수함수 그래프 쉽게 그리기 by Han Hee Lee(youtube)

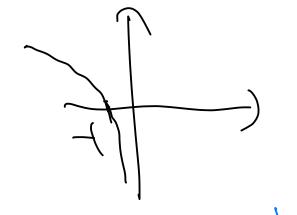
$$(4) y = -\log_{\frac{1}{2}} x = -\log_{\frac{1}{2}}$$

[2~6] 다음 로그함수의 x절편을 찾아 그래프를 그리고, 점근선의 방정식을

시오.

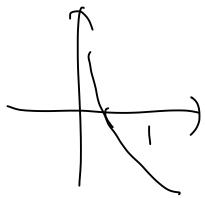
문제 2.
$$y = \log_2(-x)$$

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$$y = \log_2(-x)$$
 $\bigcirc = \left[\text{og}_2(-x) \right]$

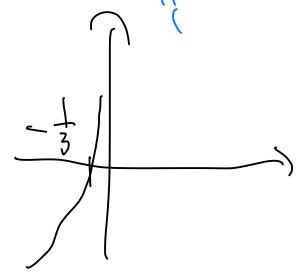


$$\frac{1}{2} = -\frac{1}{2}$$

문제 4.
$$y = \log_{\frac{1}{5}} x - (\omega_{5}) (- - \omega_{5})$$

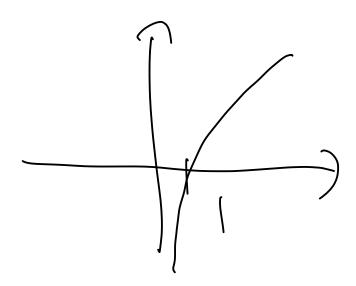


문제 5.
$$y = -\log_3(-3x)$$

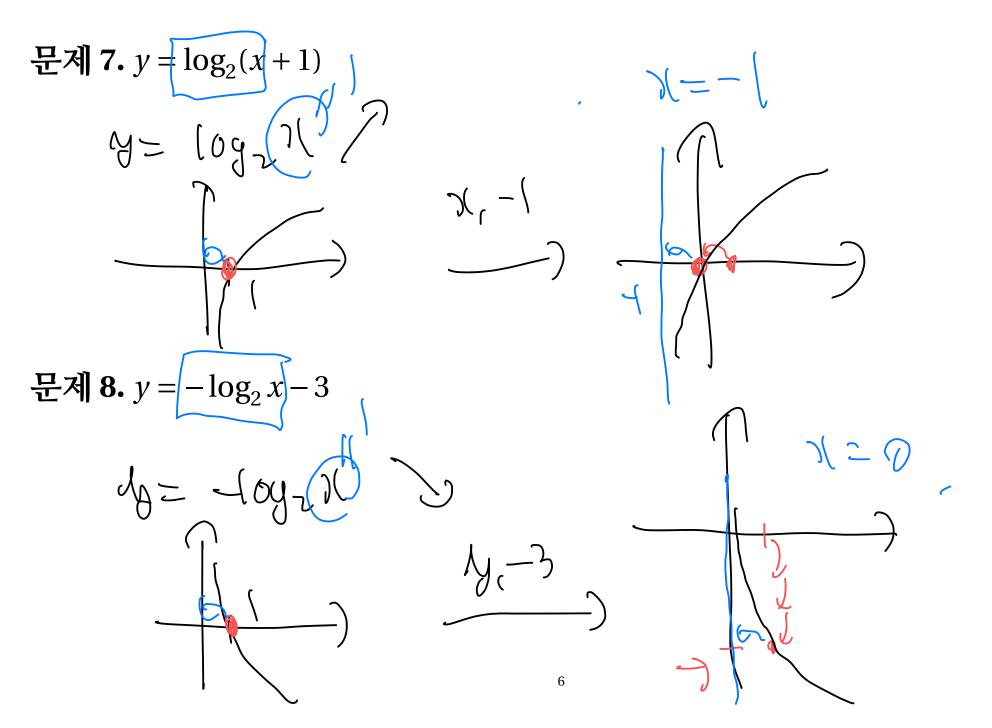


문제 **6.** $y = 5\log_2 x$



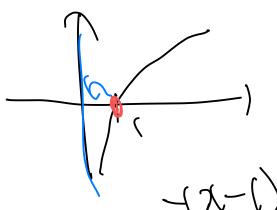


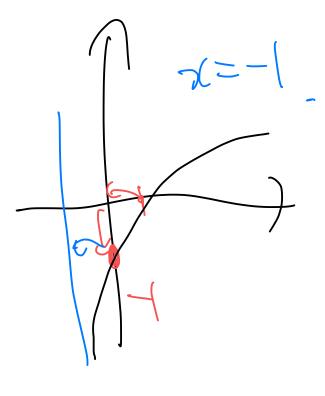
[7~10] 다음 로그함수의 그래프를 그리고, 점근선의 방정식을 쓰시오.



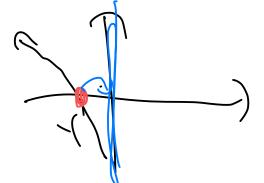
문제 9.
$$y = \log_2(x + 1) - 1$$

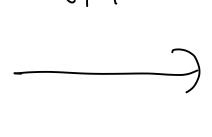
문제 9.
$$y = \log_2(x+1) - 1$$
 $4 = \log_2(x+1) - 1$

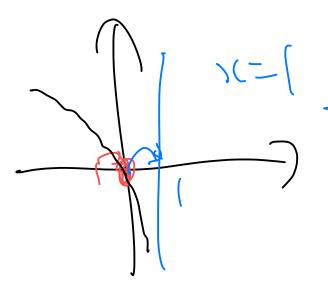




문제 10.
$$y = \log_2(-x+1)$$

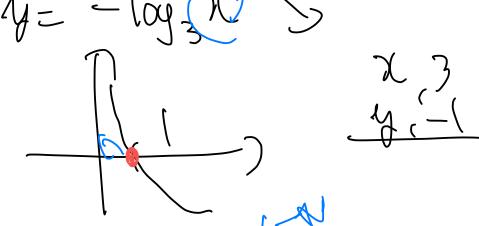






6. [특강] 지수함수 그래프 쉽게 그리기 by Han Hee Lee(youtube)

문제 11.
$$y = \log_{\frac{1}{3}}(x-3) - 1 = \log_{\frac{1}{3}}(x-3) - \log_{\frac{1}{3}}(x-3$$



문제 12.
$$y = 3 \frac{\log_2 x}{\log_2 3} - 5$$
 등 3 $\log_3 \chi$ - 5

$$4y = 3 \log_3 \sqrt{2}$$

