

$$y = + \left(\frac{1}{2} \left($$

문제 1. 다음 지수함수 그래프의 방향을 결정하시오.

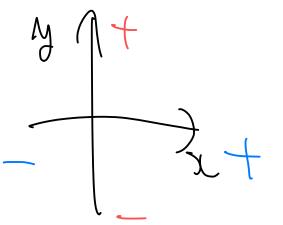
(1)
$$y = 3^{-x}$$



(2)
$$y = 5^x$$

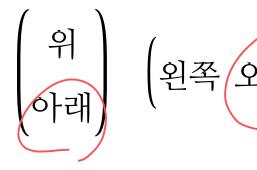


$$(3) y = -2^x$$









$$(4) y = -\left(\frac{1}{2}\right)^{x}$$

$$(5) - y = 2^{-x}$$

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$$(5) - y = 2^{-x}$$

$$(7) \text{ Perpose}$$

$$(1) \text{ Perpose}$$

$$(2) \text{ Perpose}$$

$$(3) \text{ Perpose}$$

$$(4) y = -\left(\frac{1}{2}\right)^{x}$$

$$(5) \text{ Perpose}$$

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$$(5) \text{ Perpose}$$

$$(7) \text{ Perpose}$$

$$(8) \text{ Perpose}$$

$$(9) \text{ Perpose}$$

$$(1) \text{ Perpose}$$

$$(2) \text{ Perpose}$$

$$(3) \text{ Perpose}$$

$$(4) y = -\left(\frac{1}{2}\right)^{x}$$

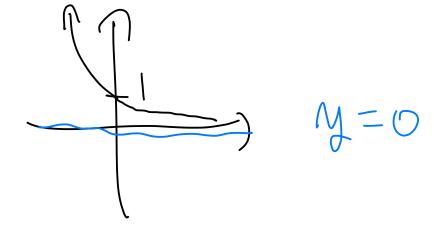
$$(5) \text{ Perpose}$$

$$(7) \text{ Perpose}$$

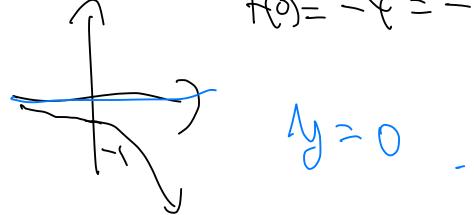
$$(8) \text{ Perpose}$$

$$(9) \text{ Perpose}$$

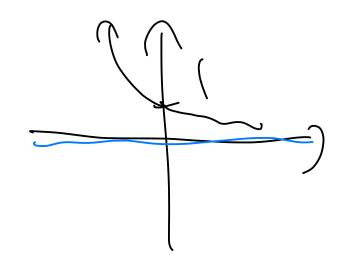
[2~6] 다음 지수함수의 y절편을 찾아 그래프를 그리고, 점근선의 방정식을 시오.



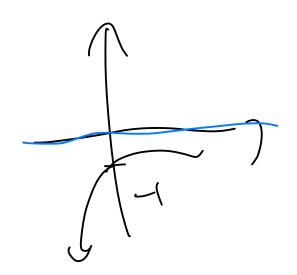
문제 3.
$$y = -4^x$$



문제 4.
$$y = \left(\frac{1}{5}\right)^x - \left(\frac{1}{5}\right)^x - \left(\frac{1}{5}\right)^x$$

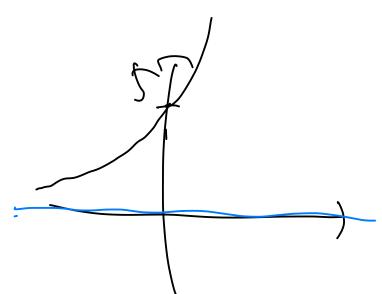


문제 5.
$$y = -3^{-2x}$$



문제 **6.**
$$y = 5 \cdot 2^x$$





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

문제 7.
$$y = 2^{x+1}$$
 $y = 2^{x}$ $y = 2^{x}$

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

문제 9.
$$y = 2^{x+1} - 1$$

$$4 = 2^{2}$$
 $4 = 2^{3}$
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문제 10. $y = 2^{-x+1}$

$$A = \sum_{i=1}^{n} x_i \left(\begin{array}{c} +0 \\ -1 \\ \end{array} \right) = \begin{bmatrix} 1 \\ -1 \\ \end{array}$$

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

문제 12.
$$y = 3 \cdot 7^{\log_7 3^x} - 5$$

$$= 3.3^{1} / 100 = 3.$$

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