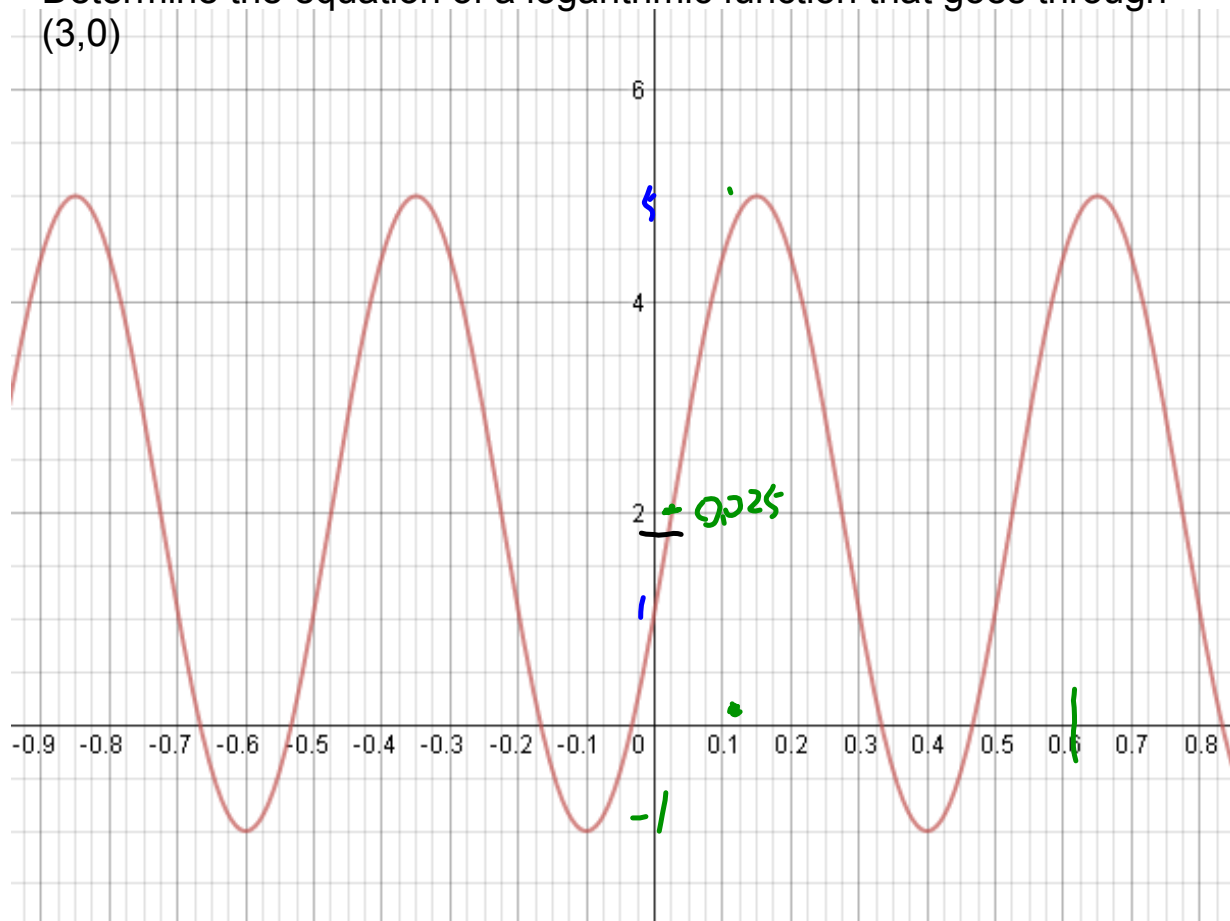


Determine the equation of a logarithmic function that goes through (3,0)



Determine the equation of a logarithmic function that goes through (3,0)

a) $y = 2(x+1)^3 + 7$

b) $y = -3(x+4)^4 - 7$

b) $y = -4(x+2)^4 + 8$

HOMEWORK: pg 376 #1-4,9-12, 16
pg 510, #2-4
SECTION 3.4

$$a) \quad y = 2(x+1)^3 + 7$$

$$b) \quad y = -3(x+4)^4 - 7$$

$$c) \quad y = -4(x+2)^4 + 8$$

Determine the equation of a logarithmic function that goes through point (4,7) and has a horizontal compression/stretch and a vertical stretch/compression (that are different!)