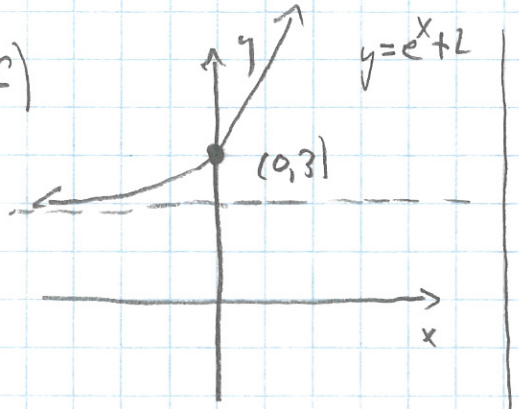
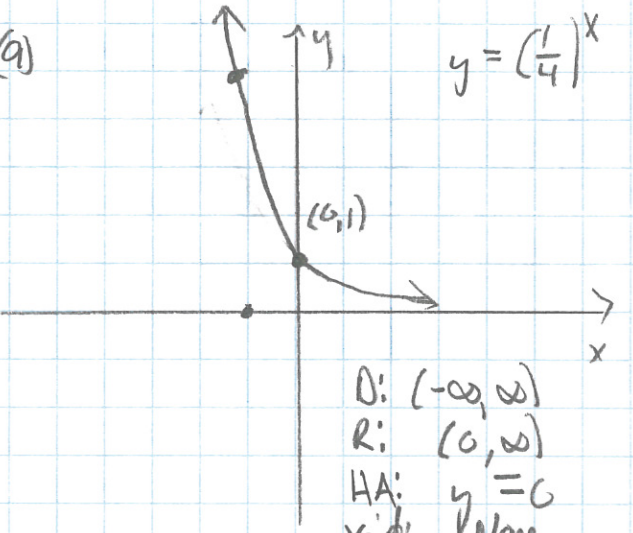
5(f)



$y = e^x + 2$

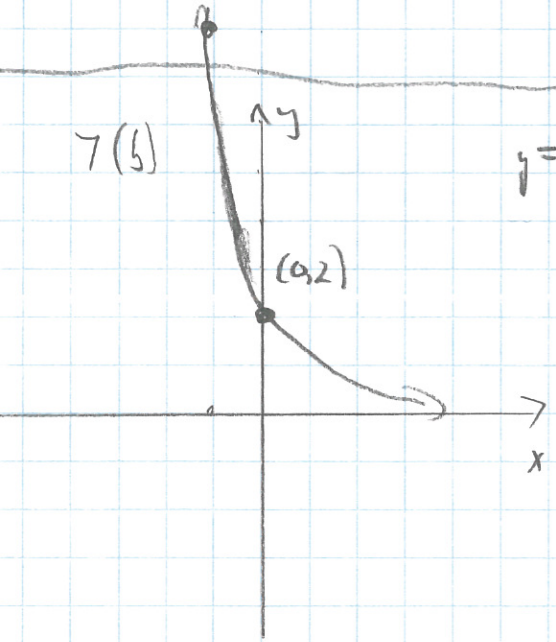
7(g)



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

D: $(-\infty, \infty)$
R: $(0, \infty)$
HA: $y = 0$
x-int: None
y-int: $(0,1)$

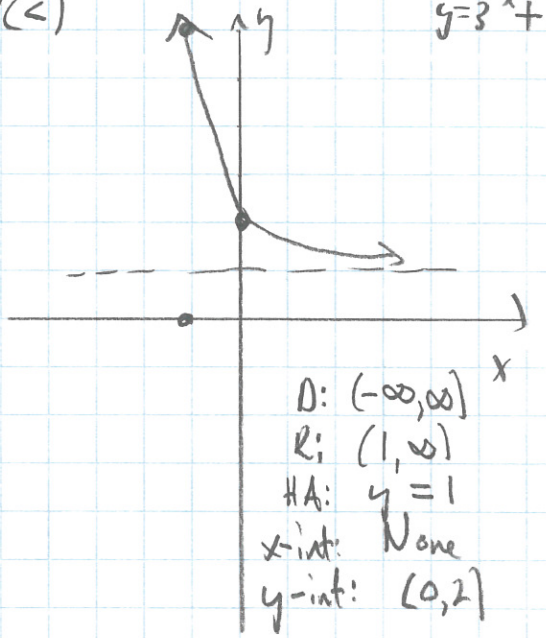
7(b)



$y = 2 \cdot 3^{-x}$

D: $(-\infty, \infty)$
R: $(0, \infty)$
HA: $y = 0$
y-int: $(0,2)$
x-int: None

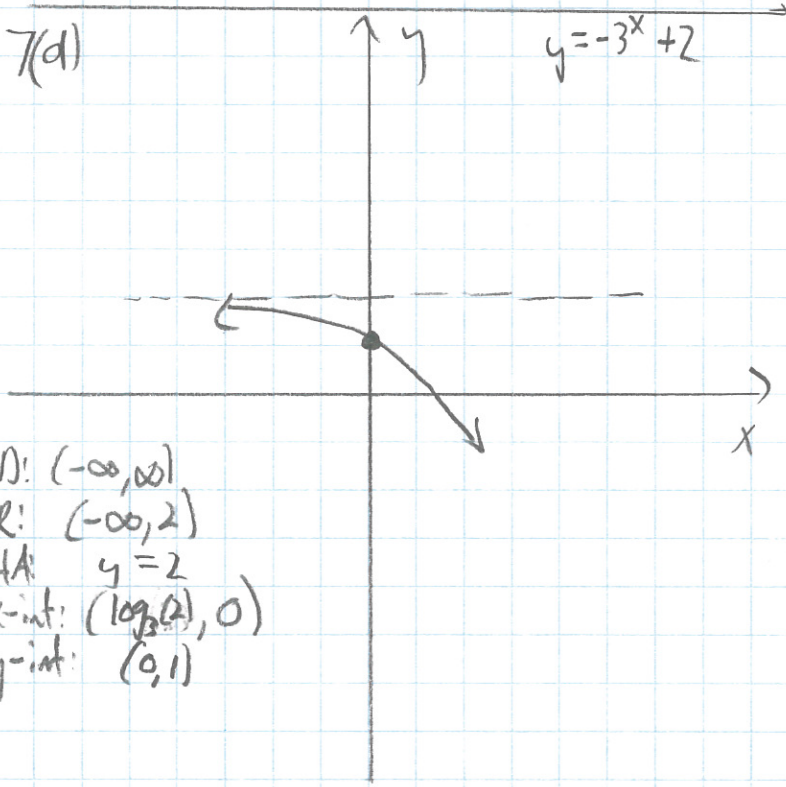
7(c)



$y = 3^{-x} + 1$

D: $(-\infty, \infty)$
R: $(1, \infty)$
HA: $y = 1$
x-int: None
y-int: $(0,2)$

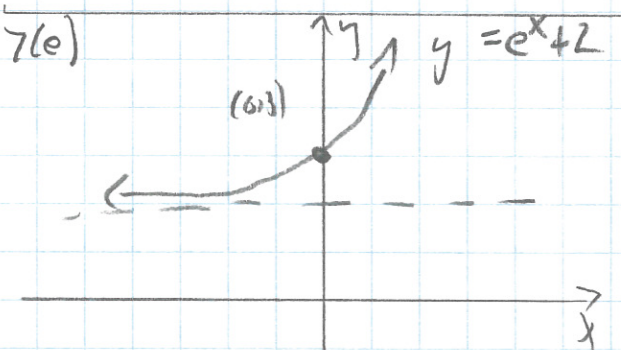
7(d)



$y = -3^x + 2$

D: $(-\infty, \infty)$
R: $(-\infty, 2)$
HA: $y = 2$
x-int: $(\log_3(2), 0)$
y-int: $(0,1)$

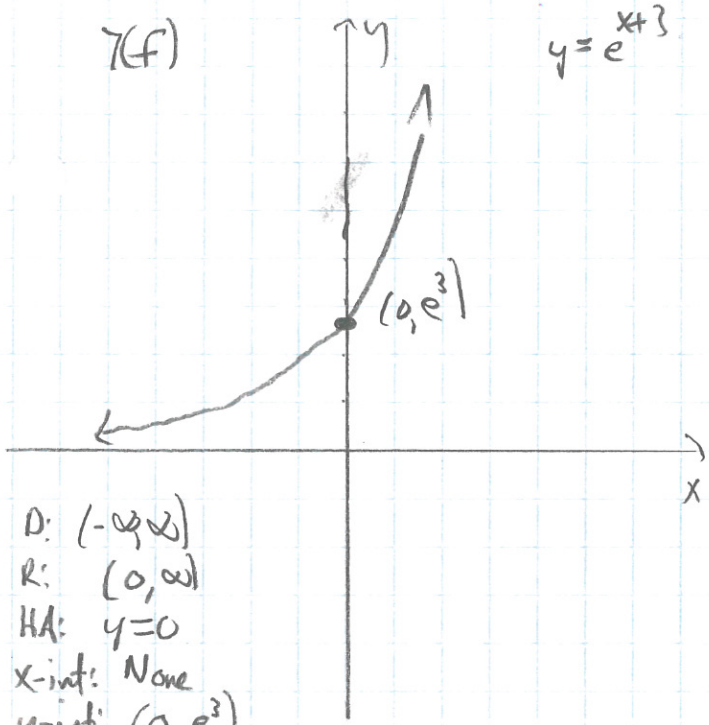
7(e)



$y = e^x + 2$

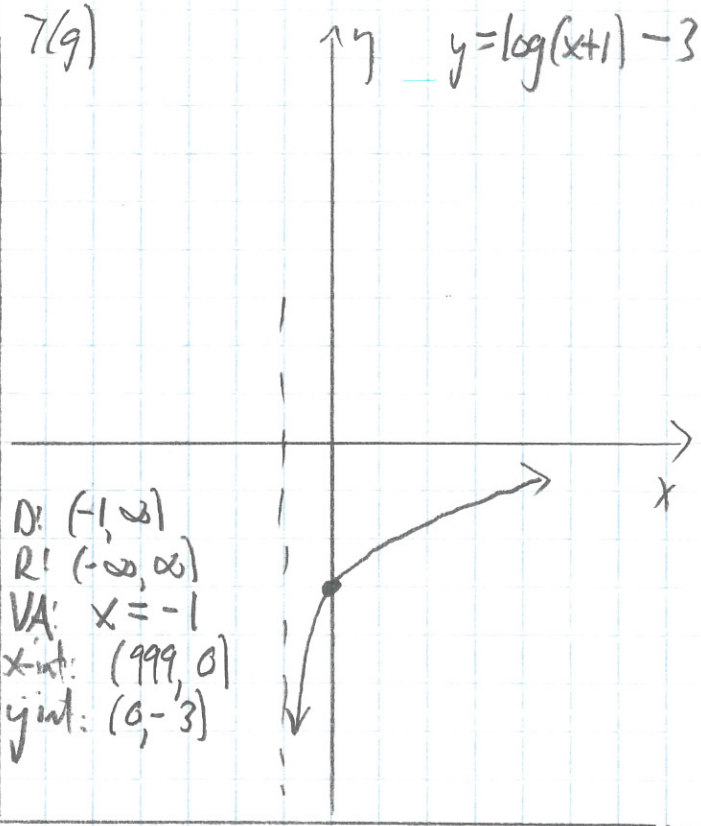
D: $(-\infty, \infty)$
R: $(2, \infty)$
HA: $y = 2$
x-int: None
y-int: $(0,3)$

7(f) $y = e^{x+3}$



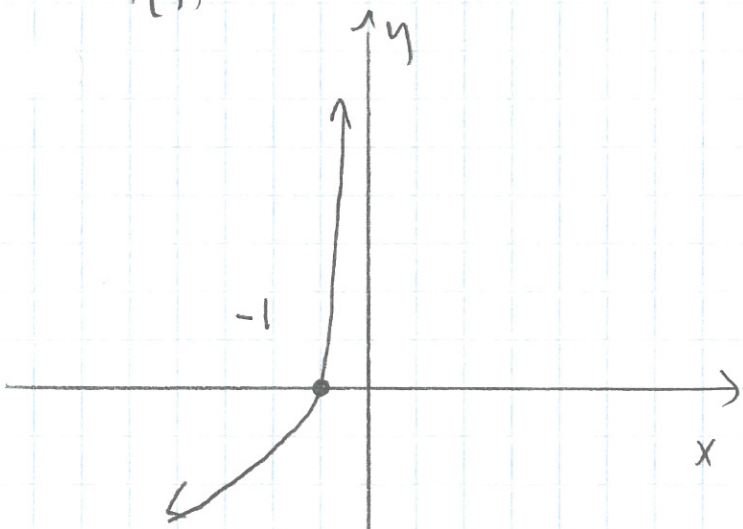
D: $(-\infty, \infty)$
R: $(0, \infty)$
HA: $y = 0$
x-int: None
y-int: $(0, e^3)$

7(g) $y = \log(x+1) - 3$



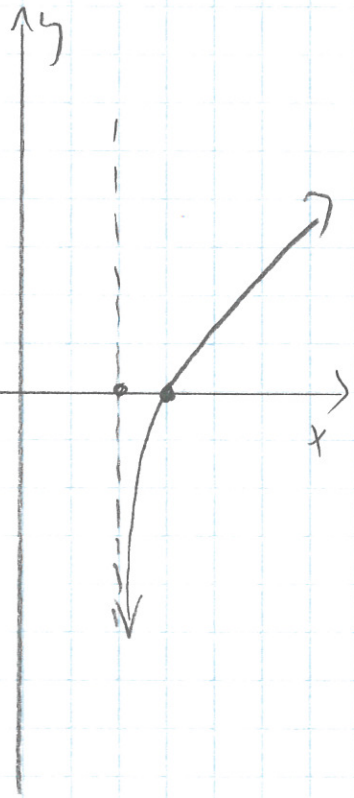
D: $(-1, \infty)$
R: $(-\infty, \infty)$
VA: $x = -1$
x-int: $(999, 0)$
y-int: $(0, -3)$

7(h) $y = -\ln(-x)$



D: $(-\infty, 0)$
R: $(-\infty, \infty)$
VA: $x = 0$
x-int: $(-1, 0)$
y-int: None

7(i) $y = \log_5(x-2)$



D: $(2, \infty)$
R: $(-\infty, \infty)$
VA: $x = 2$
x-int: $(3, 0)$
y-int: None