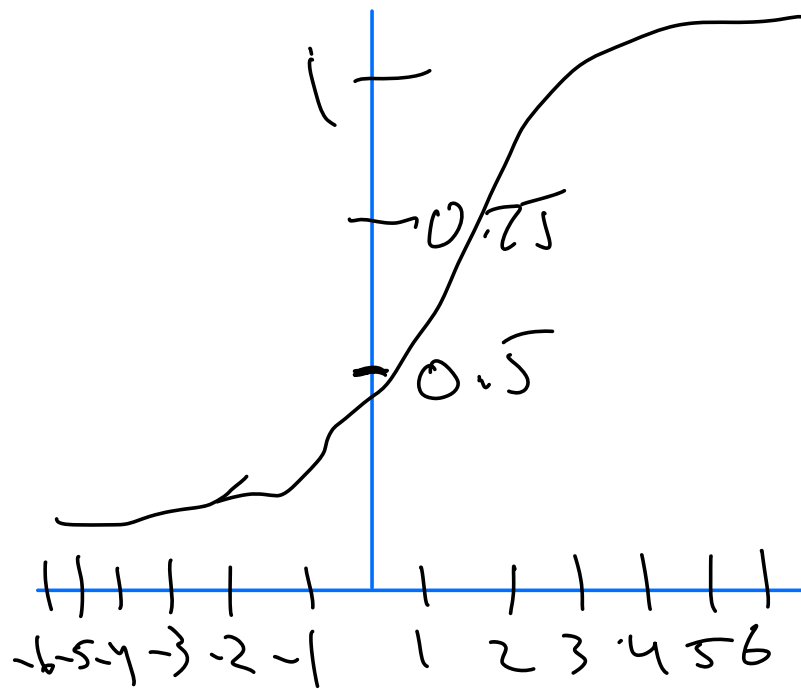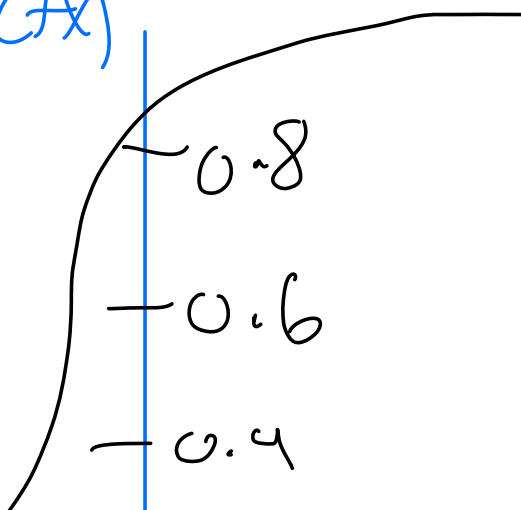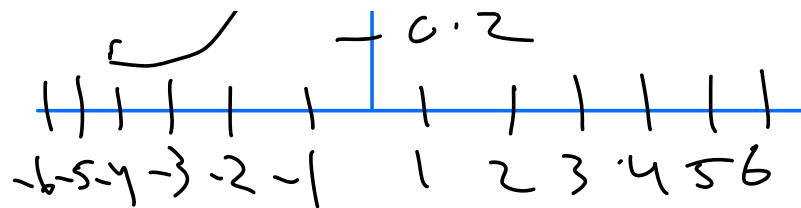$$\text{logit}^{-1}(X) = \frac{1}{1+e^x} = \frac{e^x}{1+e^x}$$

a
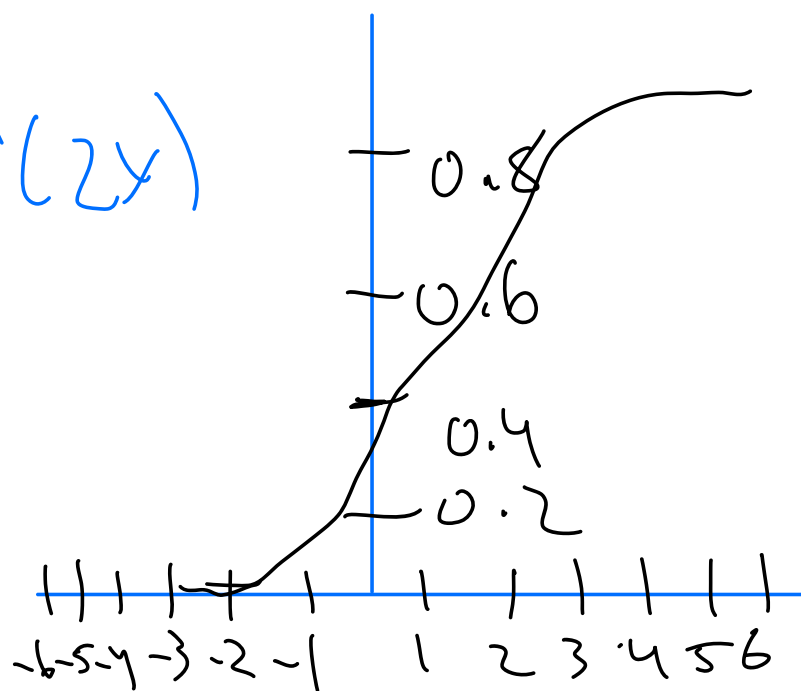

b $\text{logit}^{-1}(2fx)$

0.2

-6 -5 -4 -3 -2 -1 1 2 3 4 5 6

C

$logit^{-1}(2x)$

0.8

0.6

0.4

0.2

-6 -5 -4 -3 -2 -1 1 2 3 4 5 6
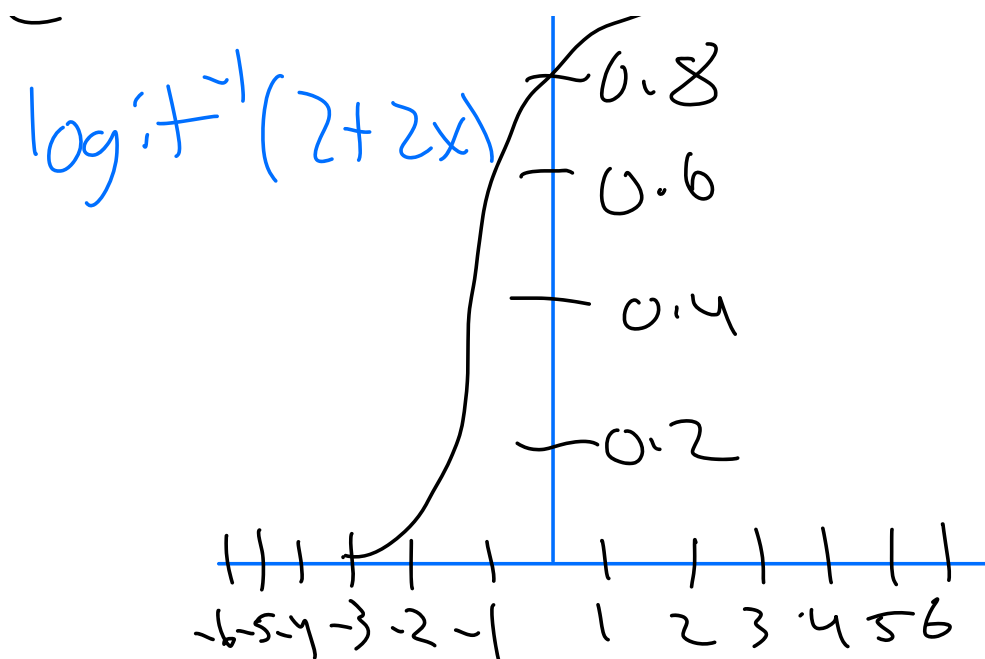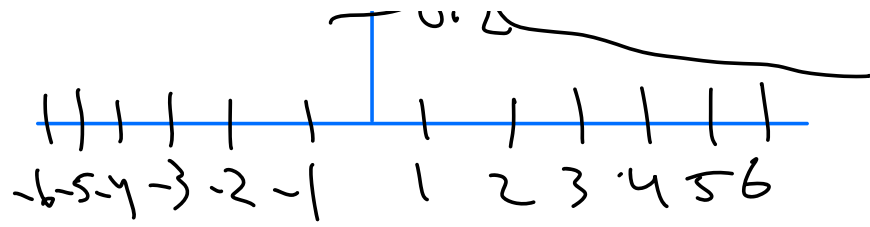
d

$\text{logit}^{-1}(2+2x)$

0.8
0.6
0.4
0.2

-6 -5 -4 -3 -2 -1   1 2 3 4 5 6

e

0.8
0.6
0.4

$\text{logit}^{-1}(-2x)$

0.8

-6 -5 -4 -3 -2 -1 1 2 3 4 5 6

13.3