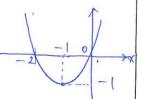
## 15 以下の問いに答えよ. 【\*\*\*\*】

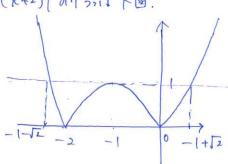
(1) 関数 f(x) = |x(x+2)| について, f(x) = 1 を満たす x の値を全て求めよ.

J= 欠(x+2) は757は、 古国でかり、



J= +(11)

= (x(x+2)(のりつかいま下風.



f(x) = | 22+7= d a12.

$$\mathcal{R}(\chi+2) = \left( \begin{array}{c} \chi = -2\pi\sqrt{4+4} \\ \chi^2 + 2\chi - 1 = 0 \end{array} \right) \qquad \chi = \frac{-2\pi\sqrt{4+4}}{2} = -\left( \pm\sqrt{2} \right).$$

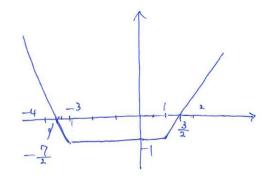
7"7771. + (20) = 12 of ?= Jaca.

(2)  $|x-1|+|x+3| \leq 5$  を解け.

$$|x-1|+|x+3| \le 5$$
  
 $|x-1|+|x+3|-5 \le 0$   
 $Y=|x-1|+|x+3|-5 = 0$ 

$$-3 \le x < |ant|$$
  
 $Y = -(x-1) + (x+3) - 5$   
 $= -1$ 

 $1 \le 90$  and y = (90-1) + (2+3) - 5 = 290 - 3



FB1/ SE0 546= July

$$-\frac{\eta}{2} \leq 9c \leq \frac{3}{2}$$