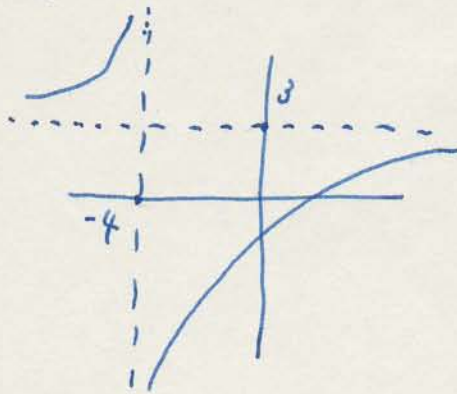


5/10 解析入付

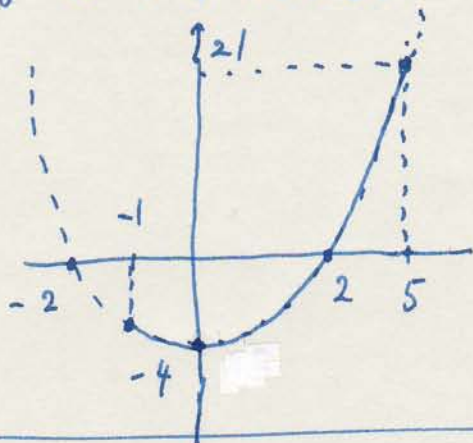
(1) $y = x^2 - 9x + 11 = (x - \frac{9}{2})^2 - \frac{37}{4} \therefore y \geq -\frac{37}{4}$

(2) $y = \frac{3x-1}{x+4} = 3 + \frac{-13}{x+4}$

$\therefore y > 3$



(3) $y = x^2 - 4 \quad (-1 \leq x \leq 5)$



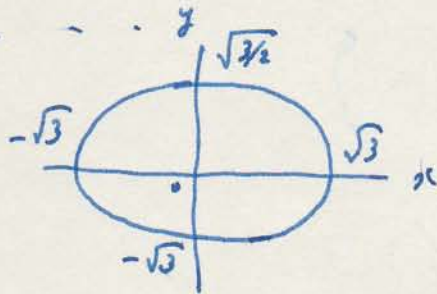
$\therefore -4 \leq y \leq 21$

1571. $3x^2 + 6y^2 = 9$ のグラフをえがけ.

1572. $y = (x-1)^2$ は原点に関して対称にうつらうつら回るとのグラフをえがけ.

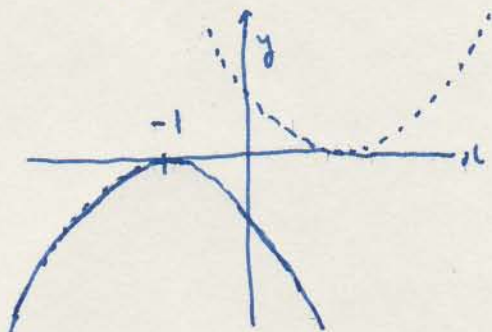
1573. $y = -\sqrt{-x}$ のグラフをえがけ.

1571: $\frac{x^2}{\sqrt{3}^2} + \frac{y^2}{\sqrt{3/2}^2} = 1$



1572: $\frac{y}{-1} = (\frac{x}{-1} - 1)^2$

$\therefore y = -(x+1)^2$



1573. $\frac{y}{-1} = \sqrt{\frac{x}{-1}}$ x) $y = \sqrt{x}$ と

原点対称.

