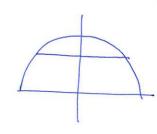
16 
$$0^{\circ} \le \theta \le 180^{\circ}$$
 とする. 以下の問いに答えよ. 【\*\*】 (1)  $\sin \theta = \frac{3}{5}$  のとき,  $\cos \theta$ ,  $\tan \theta$  の値を求めよ.

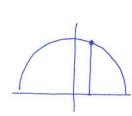


$$A^{2}Q + Col^{2}Q = | \exists ' |$$

$$O A^{2}Q = | -A^{2}Q =$$

$$tan \theta = \frac{\partial n \theta}{\partial a \theta} F'$$
.

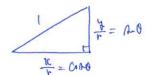
(2)  $\cos \theta = \frac{1}{4}$  のとき,  $\sin \theta$ ,  $\tan \theta$  の値を求めよ.



$$A^{2}0 + 00A^{2}0 = | 3|$$

$$A^{2}0 = | - 00A^{2}0$$

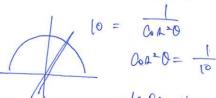
$$= \frac{15}{4^{2}}$$



$$\frac{1}{r} = h0 \qquad h^{2}\theta + 00h^{2}\theta = 1$$

$$\frac{1}{(000)^{2}} = \frac{1}{(000)^{2}} = \frac{1}{(000)^{2}}$$

(3)  $\tan \theta = 3$  のとき,  $\sin \theta$ ,  $\cos \theta$  の値を求めよ.



$$fan0 = \frac{h \cdot 0}{co \cdot n0} \quad \exists \ | \quad h \cdot 0 = fan0 \cdot co \cdot n0$$

$$= \frac{3}{\sqrt{10}}$$

(4) 直線 y=x と直線  $y=-\sqrt{3}x$  のなす鋭角  $\theta$  を求

