$$|x| = \frac{1}{3} |x|$$

(2)
$$ta^{2}\theta + \frac{1}{ta^{2}\theta} = (ta\theta + \frac{1}{ta\theta})^{2}$$

 $-2 \cdot ta\theta - \frac{1}{ta\theta}$
 $= (ta\theta + \frac{1}{ta\theta})^{2} - 2 \cdot \frac{1}{2}$

$$\frac{1}{2} = \frac{1}{2} = \frac{1$$

$$\frac{1}{1} \int_{0}^{1} dx dx = -\frac{1}{2}$$

$$\frac{1}{1} \int_{0}^{1} dx dx = -\frac{1}{2}$$

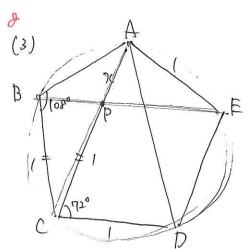
$$\frac{1}{2} \int_{0}^{1} dx dx = -\frac{1}{2}$$

$$= \frac{1}{4}$$

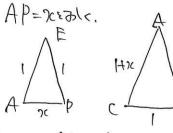
$$= \frac{1}{4}$$

$$= \frac{1}{4}$$

$$= \frac{1}{4}$$



(正成19正五角がに



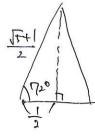
上ココの三角形は相似アムルでり、

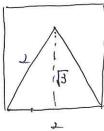
$$| = \chi = | + \chi = |.$$

$$| \chi = | + \chi = |.$$

$$| \chi^{2} + \chi - | = 0$$

$$|$$





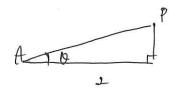
S=J×13×1= 13 S=J×13-74ので

(2)

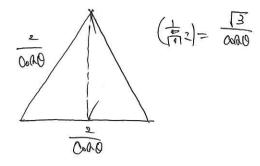


シャナルで新枝の日内日ンシタカイン

(3)



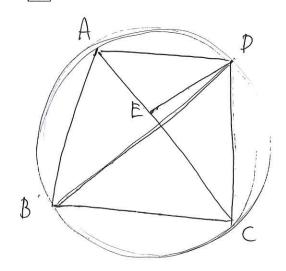
(4) APQは (正成 QAO A正三角形)



3 P=
$$\frac{\sqrt{3}}{\cos^2\theta}$$
 21).

らりまできませ、CAP1は最小をする。

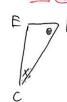
3



(1) 丹周角の庭里。

条件刊





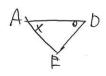
ARP CO A ECD 下图引

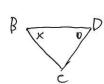
(2) 四同角难里.

北,

ZZZU, CADB = CCDE /AOZU







LDD ADE ON ABDC

(3).

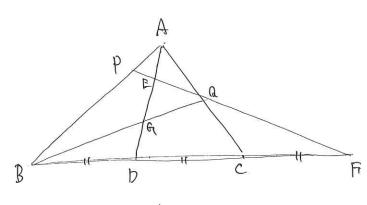
(1) n [= 2) 112,

(2) a \(12) Huz,

①, ② ユモアンとこ

. AB-CD+AD-BC = AC-BD

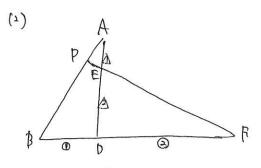
4



(1) AE: ED= (=)

GATENUM AG: GD= 22]

C. AE: EG= (=)



X济的入内庭里川

$$\frac{PB}{AP} \times \frac{2}{3} \times \frac{1}{2} = 1.$$

$$\frac{PB}{AP} = \frac{3}{1} \quad \text{i. } AP = PB = \begin{bmatrix} -3 \\ 9 \end{bmatrix}$$

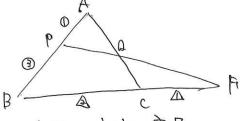
緑的BQはOABCの重い自を通む. Le、QはACの中点

$$AQ = \frac{3}{2}$$

(3) (2)で用いて国で、メオラウスの戻車.

$$\frac{EP}{FE}, \frac{4}{1}, \frac{2}{1} = 1$$
 $EP = 1 + EP - FF = 1 = 8$

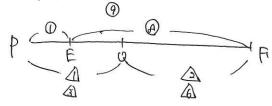
$$\frac{EP}{RE} = \frac{1}{8}$$
 (', EP=RE=1=8.

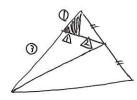


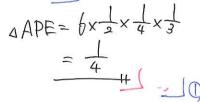
上图也以外的几个定里。

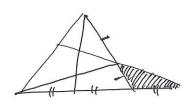
$$\frac{QP}{PQ} \cdot \frac{4}{1} \cdot \frac{1}{2} = 1.$$

$$\frac{QP}{FQ} = \frac{1}{2}$$
 i, $QP:FQ=[22]$









$$\triangle CQ = 6 \times \frac{1}{2} \times \frac{1}{2}$$

$$= \frac{3}{2}$$