1. 
$$\psi$$
 det  $D = 48-36-2x(16-5)+4x(4-3)$ 

$$= 12-14+4$$

$$= 2$$
i.  $\det D = a_2 a_2^2 - a_3 a_2^2 - a_4 a_3^2 + a_4^2 a_3 + a_4^2 a_4^2 a_4^2 + a_4^2 a$ 

$$3. y = 3 \times (3-10) + 4 \times (0 = 17)$$

$$= -24$$

$$V = \int_{n}^{\infty} \left[ (a_{2} - a_{1}) (a_{3} - a) \cdot (a_{n} - a_{1}) \right] \left[ \begin{array}{c} a_{1} & \alpha_{2} & \dots & \alpha_{n} \\ a_{1}^{2} & \alpha_{2}^{2} & \dots & \alpha_{n} \end{array} \right]$$

$$= (a_{1} - a_{1}) (a_{3} - a_{2}) \cdots (a_{n} - a_{n}) (a_{3} - a_{1})$$

$$\times (a_{n} - a_{n}) \cdots (a_{n} - a_{n}) \cdots (a_{n} - a_{n} - a_{n}) a_{n} a_{n}$$

$$= \prod_{i=1}^{n} (a_{i} - a_{i})$$

$$\frac{d}{dt} = \frac{1}{2} \frac{1}{4} \frac$$

 $\frac{\lambda(\lambda^{2}-1)-(\lambda-1)+(1-\lambda)=0}{\lambda^{2}-\lambda^{2}-\lambda^{2}+2^{2}0}$