2. 
$$\omega = f(x-y,y-x) \approx \omega dy$$
,  $\frac{\partial \omega}{\partial x} + \frac{\partial \omega}{\partial y} = 0 \approx \frac{1}{2} \text{ det}$ .

Hint 2) Let 
$$(x-y=r) \Rightarrow w \begin{cases} x \\ y \\ -x=s \end{cases}$$
  
 $w = f(r,s)$ 

hot 3) M(u)=E[eux] の以か! 羽水。

$$w = x^2 f(\frac{1}{2}/x, \frac{1}{2}/x)$$
 and  $x \cdot \frac{\partial w}{\partial x} + y \cdot \frac{\partial w}{\partial y} + z \cdot \frac{\partial w}{\partial z} = 3w$  are the start.

Hint) Let 
$$\begin{pmatrix} x^8 = r \\ \frac{4}{x} = S \end{pmatrix} \Rightarrow W \begin{pmatrix} s & x \\ \frac{2}{x} = x \\ \vdots & w = rH(s,t) \end{pmatrix}$$