1) Find
$$\frac{\partial w}{\partial s} = \frac{\partial w}{\partial t} = \frac{\partial w}$$

Find the plane tempent to the graph of 2) $f(x,y) = e^{x} + 2xy + y^{3}$ at the point (0,1,2).

Soly: $f(x,y) = e^{x} + 2xy + y^{3}$ at the point $f(x,y) = f(x_{0},y_{0}) + 7f(x_{0},y_{0}) \cdot (x-x_{0},y-y_{0})$ $f(x,y) = e^{x} + 2y + 7f(x_{0},y_{0}) \cdot (x-x_{0},y-y_{0})$ $f(x,y) = f(x_{0},y_{0}) + 7f(x_{0},y_{0}) \cdot (x-x_{0},y-y_{0})$