Ex1
$$[\rho] = \frac{[m]}{[v]} = \frac{[m]}{[a]} = M[a]$$

$$x = 1$$

 $x = 3 = -2 = 3 = 2 - x = 1$

$$-x-3=-2$$
 $y=3-x=1$
 $y=1+x-3=4$
 $y=1+1-1=4$

Ex6
$$V = x^2 + y^2 + z^2$$

 $V = x^2 + xy^2 + xiny$

$$\frac{\partial u}{\partial x} = 2x \qquad \frac{\partial u}{\partial y} = 2y \qquad \frac{\partial u}{\partial x} = 2z$$

$$\frac{0f}{0f_1} = \frac{1}{12} \left(\frac{1}{61} - \frac{1}{62} - \frac{1}{61} \right) + \frac{1}{61} \frac{1}{62}$$

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$$dF = \frac{OF}{OX} \cdot clx + \frac{OF}{OY} \cdot dY$$

$$df = 2x \cos y \Delta x + x^{2} |\sin y| \Delta y$$

$$\Delta T = 2 \times |\cos y| \Delta x + x^{2} |\sin y| \Delta y$$

EXA

$$\begin{bmatrix}
T^{2} \end{bmatrix} = \frac{LmJ}{LeJ}$$

$$\begin{bmatrix}
LeJ \end{bmatrix} = \frac{LmJ}{Loc} = \frac{MLT^{-2}}{L} = MT^{-2}$$

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$$\begin{bmatrix}
L^{2} \end{bmatrix} = \frac{LmJ}{Loc} = \frac{L$$

2 = (R=+4F12f2LZ)/2 Log2 = 1/2 log (R2+4H2fcl2) 2 = 1 = (12 + 4 12 L2 62) [2 A DR + 8 12 L2 62 D f 17=7 x0,28=6,92 x0,28=1,93