Co = 101 17) Ux = XX 2x2+y2+22 2X= lly = 2y Uz = 27 (-16, 4, -13) grad M 16, -24 (8, -12, 9)-13 MG-1 -16,4 16 Ve 2 (8,-12,9) 17 19 199 WW

do  $U_{X} = e^{X^{2}+y^{2}+2^{2}} \cdot 2X = e^{(-16)^{2}+4^{2}+(-13)^{2}} \cdot 2 \cdot (-16)^{2}$ 441 grad U (-16, 4, -13) · (-32e (-16, 4, -13) 1-24