· (alculande jocobino da transformoção 
$$\frac{\partial(x_1x_2)}{\partial(x_1x_2)} = \frac{1}{5} = \frac{3}{5} = 1$$

Scalando integral
$$\iint_{S} \frac{x - 2y}{3x - y} = dA = \iint_{V} \frac{\mu}{|S|} dv du = \underbrace{\int_{V}}_{S} \frac{u}{dv} \int_{V}^{S} dv$$

Aula 19 - 15.9/23

 $= \frac{1}{5} \left[ \frac{u^2}{2} \right]^4 \left[ \ln v \right]_1^8 = \frac{1}{5} (8) (\ln 8) = \frac{8}{5} \ln 8$