

#1: Item 2

#2: $L(x, y) := x^4$

#3: $M(x, y) := x \cdot y$

#4: $M(x, y)$

#5: $\frac{d}{dx} M(x, y)$

#6: y

#7: $L(x, y)$

#8: $\frac{d}{dy} L(x, y)$

#9: 0

#10: $\frac{d}{dx} M(x, y) - \frac{d}{dy} L(x, y)$

#11: $\int_0^{1-x} \left(\frac{d}{dx} M(x, y) - \frac{d}{dy} L(x, y) \right) dy$

#12: $\int_0^1 \int_0^{1-x} \left(\frac{d}{dx} M(x, y) - \frac{d}{dy} L(x, y) \right) dy dx$

#13: Esta uintegral deben desarrollarla y no del celular

#14: $\frac{1}{6}$

#15: Esta integral deben desarrollarla y no del celular