* Add Derivation for Jacobian

$$= \int_{0}^{2\pi} e^{-r^{2}} r dr d\theta$$

$$= 2\pi \left(-\frac{1}{2}e^{-r^{2}}\right)^{2\theta}$$

$$= 2\pi \left(-\frac{1}{2}e^{-r^{2}}\right)^{2\theta}$$

$$\frac{7}{2} = \sqrt{41}$$

$$\frac{3}{2} = \frac{11}{2}$$