15.3:24
$$\mathbb{Z}$$
 goes from 1 to 7, let $r^2 = x^2 + y^2$
when $\mathbb{Z} = 1$, $r = 0$,
when $\mathbb{Z} = 7$, $r = \sqrt{3}$

$$\int_{0}^{2} \int_{0}^{\sqrt{3}} (1 + 2r^2) r dr d\theta = \int_{0}^{\sqrt{3}} \int_{0}^{\sqrt{3}} r + 2r^3 dr d\theta = \int_{0}^{\sqrt{3}} \left(\frac{1}{2} + \frac{1}{2}r^4\right) \int_{0}^{\sqrt{3}} d\theta = \int_{0}^{\sqrt{3}} \frac{1}{2} + \frac{1}{2}r^4 d\theta$$

$$|S.4:8. \qquad |Y=X+2| \qquad |Y=X$$

$$|5.9:24|$$

$$|5.9:24|$$

$$|x|_{2} = x + y = 3$$

$$|x|_{2} = x + y = 3$$