





$$y = 6x/-x^2$$
 $x (6-x) = 0$
 $y = 2x$ $2x = y$

$$\partial x = 6 / x^2$$

$$x^2 = 4x$$

$$2 = 6 - x$$

$$\chi^2 - 4\pi = 0$$

when
$$x = 4$$

$$6x-x^2=0$$

$$x(6-x)=0$$

$$x=0$$
 and $x=6$

Area =
$$\int_0^6 6x - \chi^2 dx - \int_0^6 2x dx$$

$$= \left[\frac{3x^2 - x^3}{3} \right]_0^6 - \left[\frac{x^2}{3} \right]_0^4$$

$$= \left[3\left(6\right)^{2} - \frac{6^{3}}{3}\right] - \left[4^{2}\right]$$