

$$x=0$$
 or  $x=2$ 

$$\int_{0}^{\infty} 4x - 2x^{2} dx =$$

$$\left(2\chi^2 - \frac{2}{3}\chi^3\right)\Big|_0^2 =$$

$$8 - \frac{16}{3} = \frac{8}{3}$$

$$\sqrt{x+} = X - 1$$

$$\int_{7}^{1} \sqrt{x-1} - (x-1) \, dx =$$

$$\int_{1}^{2} (x + 1)^{\frac{1}{2}} - |x| + 1 dx =$$

$$\left(\frac{2}{3}(x+1)^{\frac{2}{3}}-\frac{1}{2}x^{2}+x\right)^{\frac{2}{3}}=$$

$$\frac{2}{3} - \frac{1}{2} = +\frac{1}{b}$$

$$\sum_{1}^{4} (x)^{2} dx = \sum_{1}^{4} (x^{-2})^{2} dx = \sum_{1}^{4} (-x^{-1})^{4} = \sum_{1}^{4} (-x^{-1$$

