



C)
$$P\left(3 \le x \le \infty\right) = \int_{3}^{\infty} f(x)$$

$$\int_{3}^{\infty} \frac{2}{x^{3}} dx + \int_{0}^{\infty} x dx$$

$$\int_{-2}^{\infty} \frac{2}{x^{3}} dx + \int_{-\infty}^{\infty} x dx$$

$$\int_{1}^{\infty} \frac{2}{x^{3}} dx + \int_{1}^{\infty} x dx$$

$$\int_{1}^{\infty} \frac{2}{x^{3}} dx + \int_{1}^{\infty} x dx$$

Ex 2

$$A = 183$$
 $A = 8$
 $A = 183$
 $A =$



