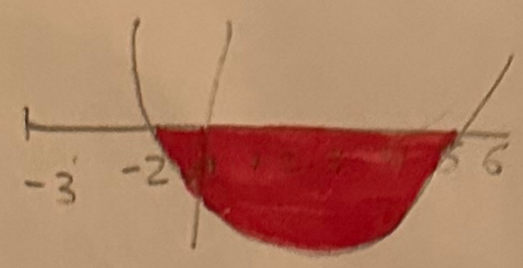
Determinar el area integral definida

Alexa

$\int (x) = x^2 - 4x - 5 \quad /5$

$$\int_{-1}^{5} x2 - 4x - 5 \; dx$$



$$\int_{-1}^{5} \frac{x3}{3} - 2x^2 - 5x \; dx$$

$$\left| \frac{(5)^5}{3} - 2(5)^2 - 5(5) - \left| \frac{(1)^3}{3} - 2(-1)^2 - 5(-1) \right. \right.$$

$$\frac{125}{8} - 50 - 25 - \left(-\frac{1}{3} - 2 + 5\right)$$

$$\frac{125}{3} - \frac{225}{3} + \frac{1}{3} + \frac{6}{3} - \frac{15}{3} \Rightarrow \frac{108}{3} \Rightarrow (36)$$

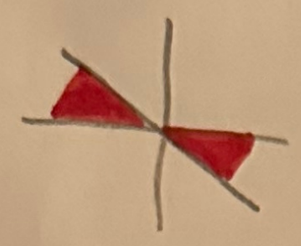
$$\frac{5}{} \quad 2\frac{(10)\,x}{5} \Rightarrow 2\frac{(100)}{5} = \frac{200}{5} \qquad A = 40$$

UDS | CARATULA DE [redacted] | PRF-FOR-01

PROFESOR [redacted] | Alexa

Determina el area/integral definida

$f(x) = -x+2$ | 5 | 4



$$\int_{-4}^{5} \frac{x^2 + 2x}{2}$$

$$\left|_{-4}^{5} - \frac{(5)^2}{2} + 2(5) - \left| -4 \frac{(4)^2}{2} + 2(4) \right.\right.$$

$$-\frac{(25)}{2} + \frac{20}{2} + \frac{16}{2} + \frac{16}{2}$$

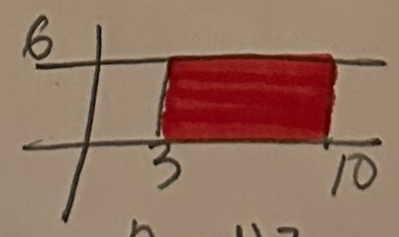
$$-\frac{5}{2} + \frac{32}{2} \Rightarrow \frac{27}{2} \Rightarrow 13.5$$

Determina el area/integral definida

$f(x) = 6$

$y = 6$

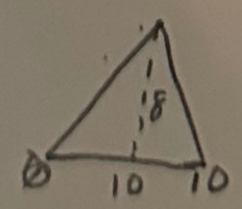
$$\int_{3}^{10} 6x \quad 60 - 18 \Rightarrow 42$$



$A = 42$

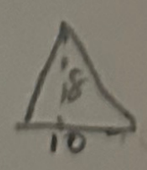
Determina el area/integral definida

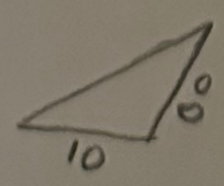
$f(x) = \frac{8x}{10}$ $\quad m = \frac{D4}{D4}$ $\quad m = \frac{h}{b}$



$A = 40$

$$\int_{a}^{10} \frac{\frac{8x2}{10}}{\frac{2}{1}} \quad \frac{8x2}{20}$$





$$\int_{0}^{10} \frac{2x2}{5} \Rightarrow 2\frac{(10)x}{5} \Rightarrow 2\frac{(100)}{5} = \frac{200}{5}$$

$A = 40$