

Nombre: Oscar Renata Garcia Resendiz

Día

Mes

Año

Folio

Tema: TIADSM 191008 7.A

2/3

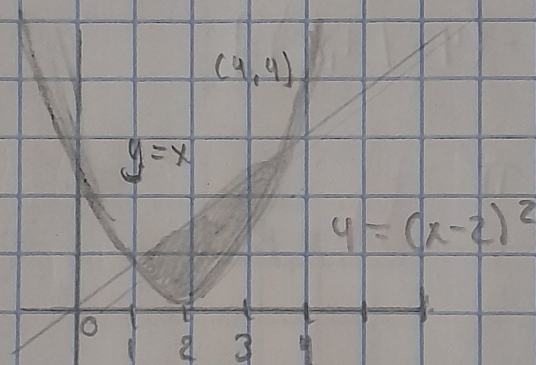
② $y = (x-2)^2$, $y = x$

$$A = \int_1^4 (x - (x-2)^2) dx = \int_1^4 (-x^2 + 5x - 4) dx$$

$$= \left[-\frac{1}{3}x^3 + \frac{5}{2}x^2 - 4x \right]_1^4$$

$$= \left(-\frac{64}{3} + 40 - 16 \right) - \left(-\frac{1}{3} + \frac{5}{2} - 4 \right)$$

$$= \frac{9}{2}$$



~~$x - (x-2)^2$~~

Δx