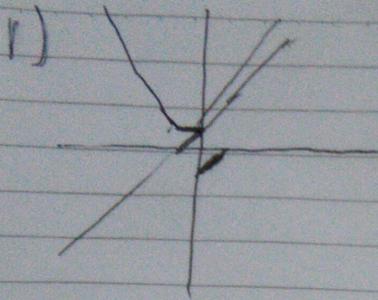
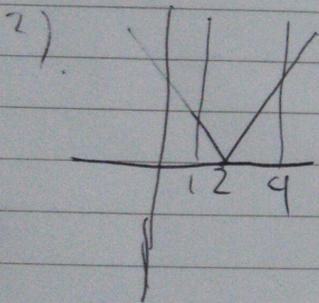


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Date



hukum = $x+1 = x+1$
 $2x+1 = x+1$



~~$$\int_1^4 \pi|x-2| dx = \int_1^4 \pi(x-2) dx = \int_1^4 (\pi x - 2\pi) dx$$~~

~~$$= \left[\frac{1}{2} \pi x^2 - 2\pi x \right]_1^4 = \pi(8 - 2\pi) - \left(\frac{1}{2} \pi - 2\pi \right)$$~~

~~$$= 6\pi - \left(+\frac{3}{2} \pi \right)$$~~

~~$$= \frac{10\pi}{2} = 5\pi$$~~

$$x_1 = \int_2^4 \pi|x-2| dx = \int_2^4 \pi(x-2) dx = \int_2^4 (\pi x - 2\pi) dx$$

$$= \left[\frac{1}{2} \pi x^2 - 2\pi x \right]_2^4 = (16\pi - 8\pi) - (2\pi - 4\pi)$$

$$= 8\pi + 2\pi$$

$$= 10\pi$$

$$x_2 = \int_1^2 \pi|x-2| dx = \int_1^2 \pi(2-x) dx = \int_1^2 (2\pi - \pi x) dx$$

$$= \left[2\pi x - \frac{1}{2} \pi x^2 \right]_1^2 = (4\pi - 2\pi) - \left(2\pi - \frac{1}{2} \pi \right)$$

$$= \pi - \frac{3}{2} \pi$$

$$= -\frac{1}{2} \pi$$