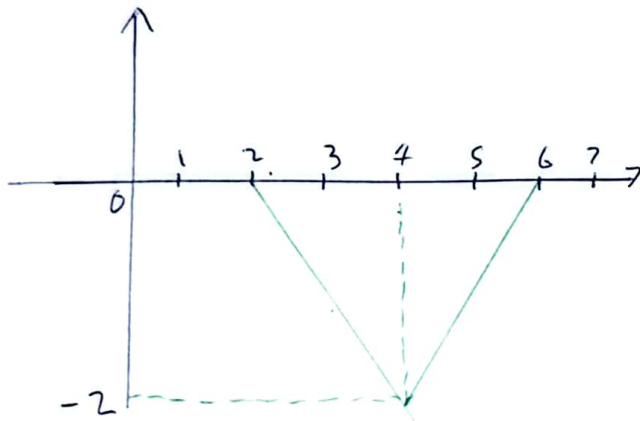


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$$\begin{aligned} 1. \int_2^4 -x + 2 + \int_4^6 x - 6 &= \left(-\frac{1}{2}x^2 + 2x\right) \Big|_1^4 + \left(\frac{x}{2}x^2 - 6x\right) \Big|_4^6 \\ &= \left\{ \left(-\frac{1}{2}(4)^2 + 2(4)\right) - \left(-\frac{1}{2}(2)^2 + 2(2)\right) \right\} \\ &\quad + \left\{ \left(\frac{1}{2}(6)^2 - 6(6)\right) - \left(\frac{1}{2}(4)^2 - 6(4)\right) \right\} \\ &= (-8 + 8) - (-2 + 4) + (18 - 36) - (8 - 24) \\ &= (0 - 2) + (-18 + 16) \\ &= (0 - 2) + (-2) \\ &= -4 \end{aligned}$$



Luas segitiga?

$$\begin{aligned} A &= \frac{1}{2} b \cdot t \\ &= \frac{1}{2} 4(2) \\ &= \underline{\underline{-4}} \end{aligned}$$