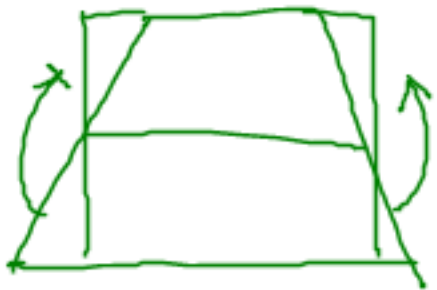
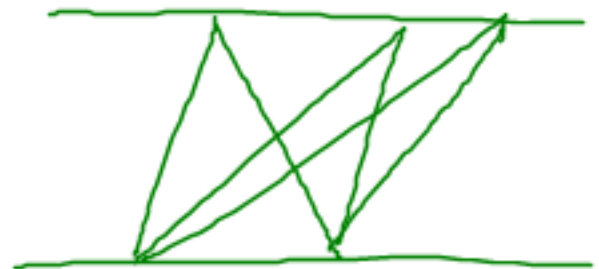


$$\text{Area (Big)} = \frac{1}{2} (B_1)(H+x)$$

$$\text{Area (little)} = \frac{1}{2} (B_2)(x)$$

$$\text{Area (trap)} = \frac{1}{2} (B_1)(H+x) - \frac{1}{2} (B_2)(x)$$

By Similarity: $\frac{x}{H+x} = \frac{B_2}{B_1}$



$$\frac{B_1 + B_2}{2}$$

