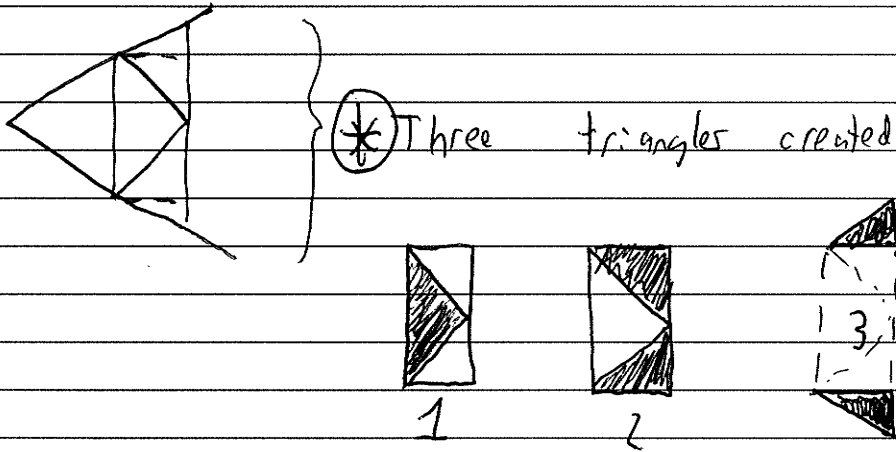


Note:



HIS

$$M_n + O_n \leq 2 (\square)$$

$$M_n + O_n \leq 4 (\triangle)$$

$$M_n + O_n \leq 4M_n$$

$$O_n \leq 3M_n \quad \checkmark$$

MINE

Note: ~~M_n~~ By (*), $M_n + O_n \leq 3(\triangle)$
 $M_n + O_n \leq 3M_n$

$$O_n \leq 2M_n \quad \checkmark$$

Proofs

