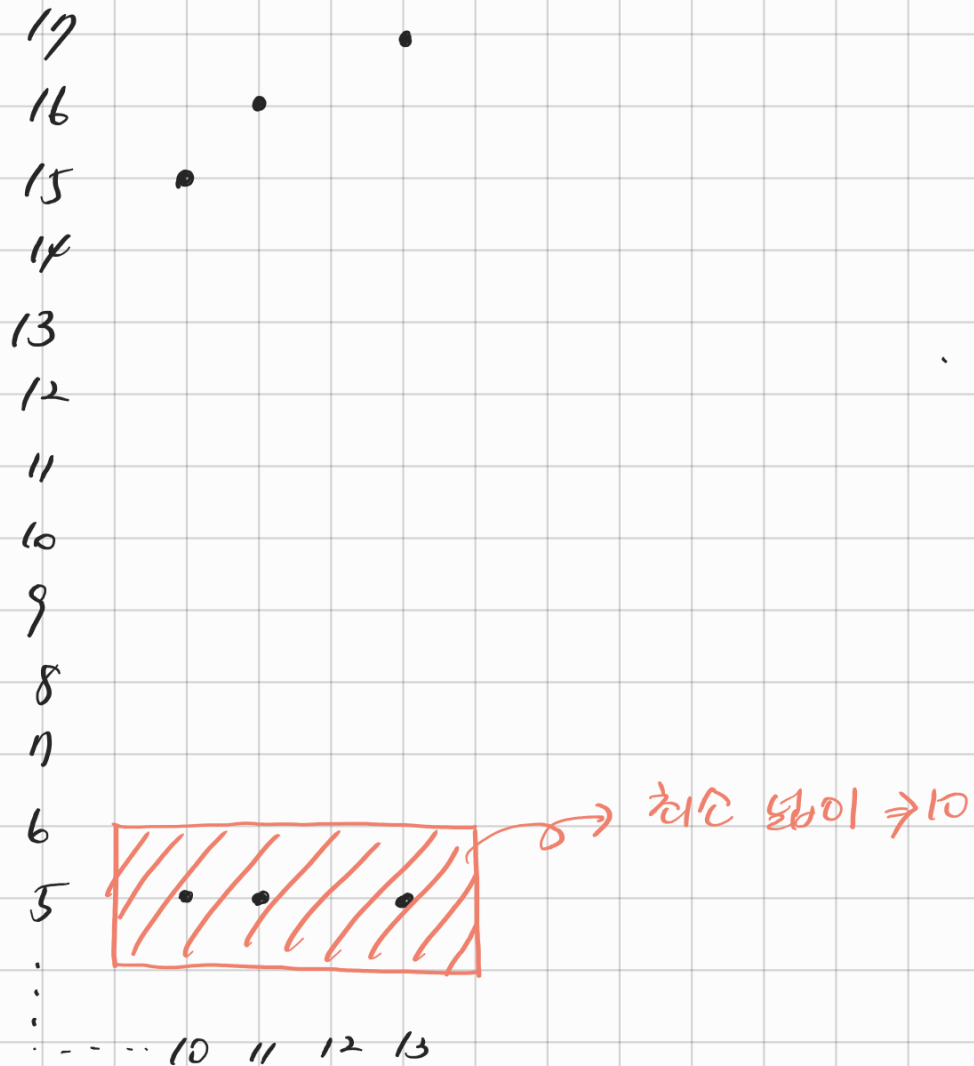
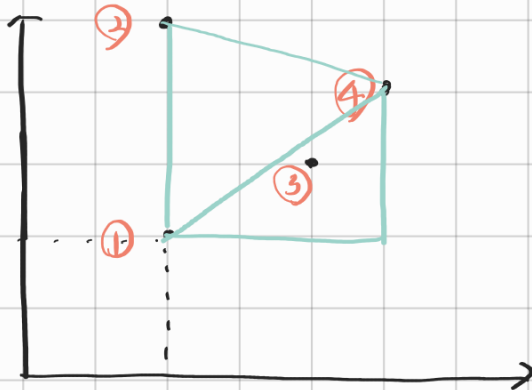
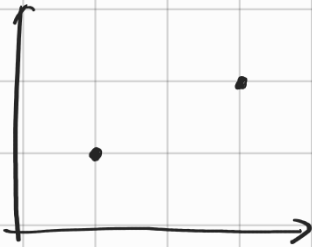


가장 _ 작은 _ 직사각형 _ 골드 III

- N : 점의 개수 \rightarrow 점의 음이 아닌 정수좌표에만.
-



결과: 4



유리수

$$\begin{array}{lcl} \text{가} & \text{나} & \\ \text{①} - \text{④} \Rightarrow & 3 : 2 & \\ & \downarrow & \downarrow \text{②} \\ & 5 \times 4 & = 20 \end{array}$$

$$\begin{array}{lcl} \text{①} - \text{③} \Rightarrow & 2 : 1 & \\ & \downarrow & \downarrow \text{②} \\ & 4 \times 3 & = 12 \end{array}$$

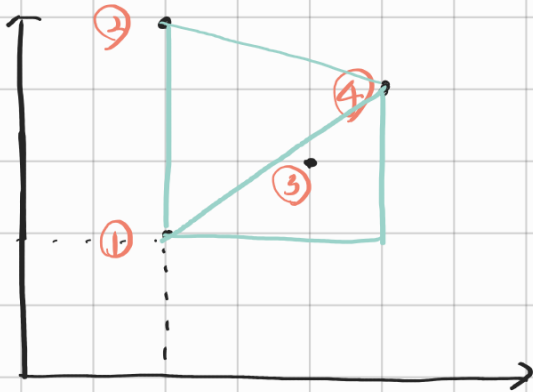
$$\begin{array}{lcl} \text{①} - \text{②} \Rightarrow & 0 : 3 & \\ & 2 \times 5 & = 10 \end{array}$$

$$\begin{array}{lcl} \text{②} - \text{④} \Rightarrow & 3 : 1 & \\ & 5 \times 2 & = 10 \end{array}$$

$$\begin{array}{lcl} \text{②} - \text{③} \Rightarrow & 2 : 2 & \\ & 4 \times 4 & = 16 \end{array}$$

$$\begin{array}{lcl} \text{③} - \text{④} \Rightarrow & 1 : 1 & \\ & 3 \times 3 & = 9 \end{array}$$

$[(2, 2), (2, 5), (4, 3), (5, 4)]$ ↙ points
(점들의 집합)



↙ 반례 케이스.

$[(1, 1), (2, 3), (3, 2), (1, 5), (5, 5), (5, 1)]$

