

Sets Chapter 9.1

$$I = \{\dots -3, -2, -1, 0, 1, 2, 3 \dots\}$$

set

capital Letter

element

bracket

Ex 1) number set from 200 to 486

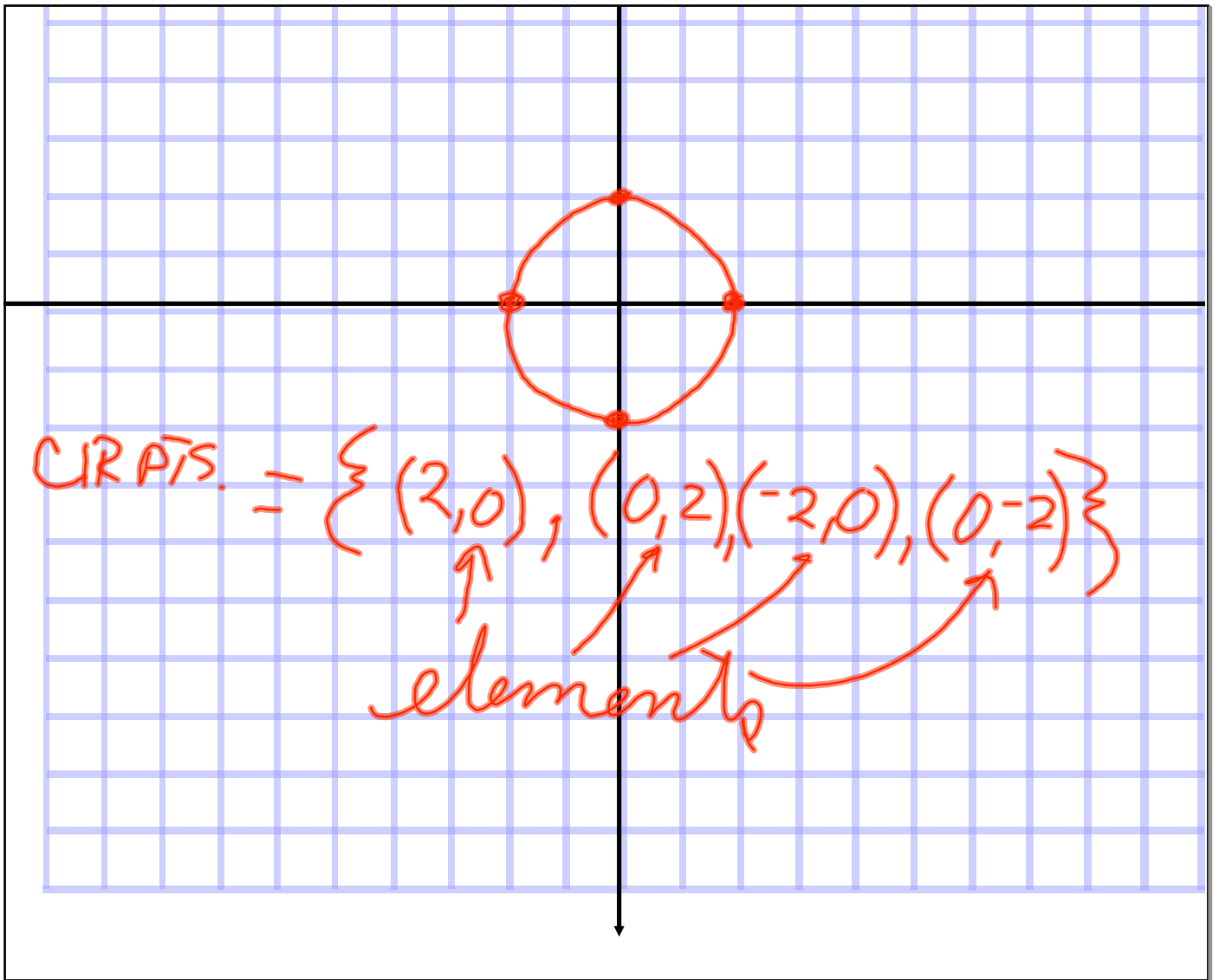
Regular way $\{200, 201, 202 \dots 485, 486\}$

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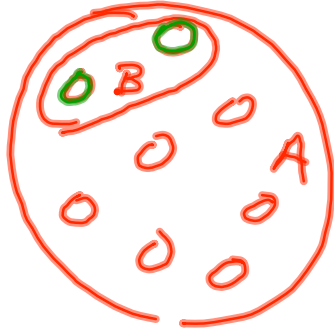
Set builder notation $\{X: 200 \leq x \leq 486 \text{ and } X \text{ is an integer.}\}$

graphing





Ex 3

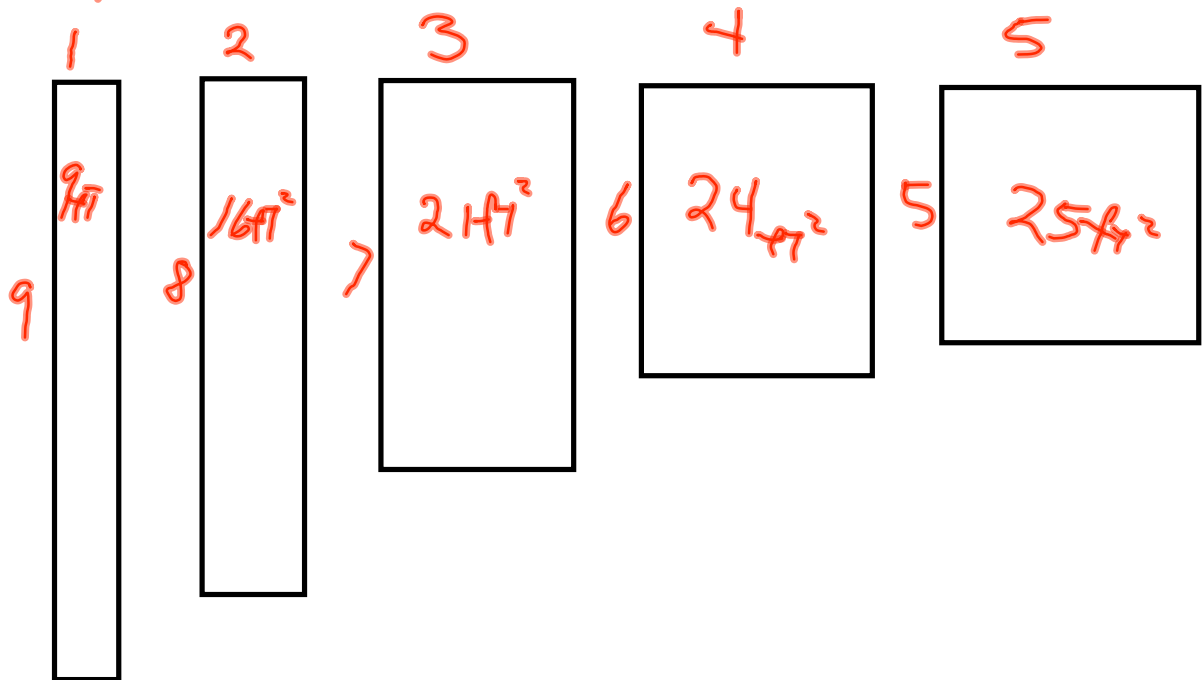


BCA

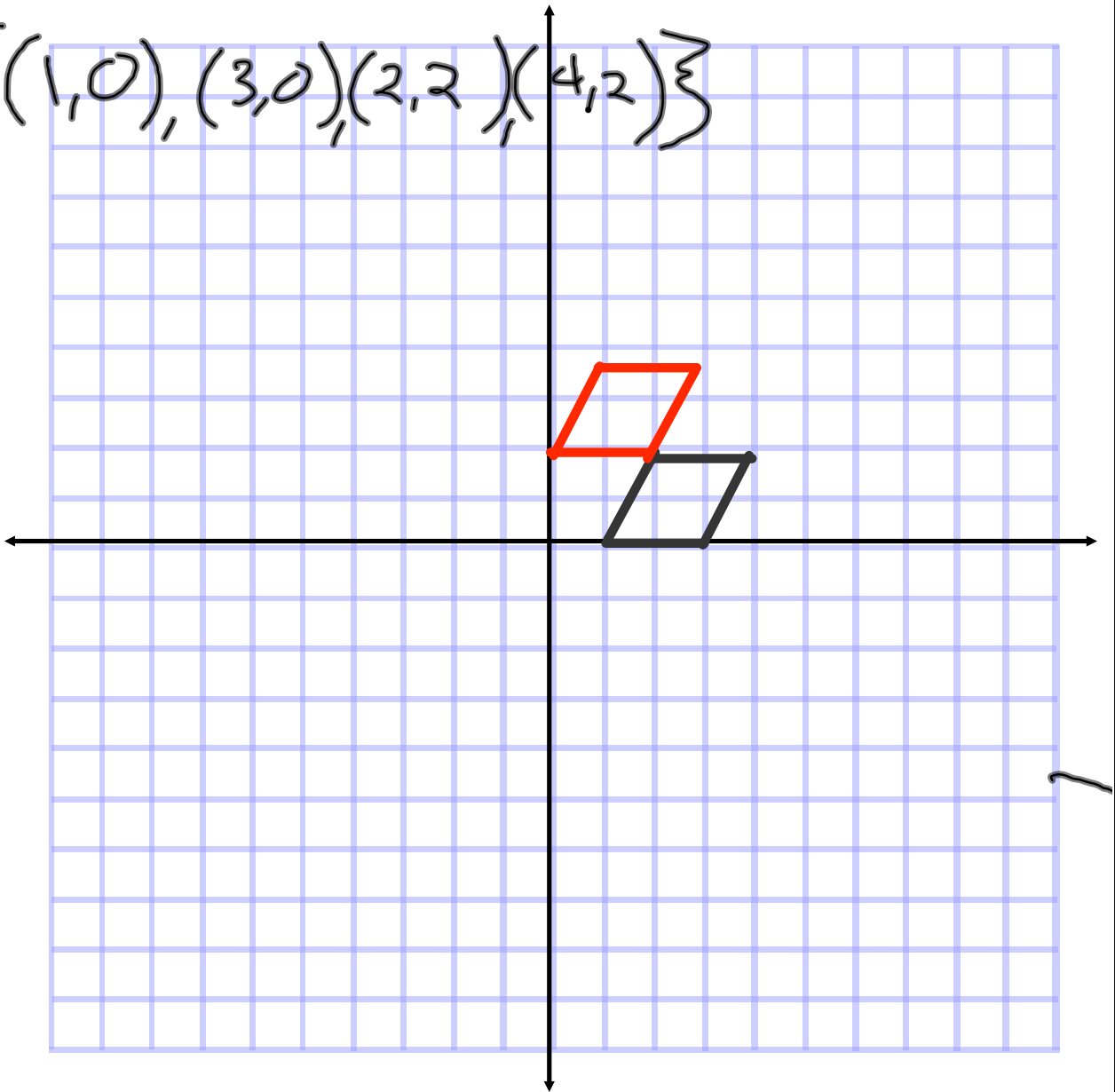
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ex 3)



$$\{(1,0), (3,0), (2,2), (4,2)\}$$



page 432

8, 11, 13-23, 27, 28, 30, 40, 42

8)

$$B = \{b: -5 < b < 5 \text{ and } b \text{ is an integer}\}$$

17) $\{ \angle NAT, \angle TAP, \dots \}$