

Aula 1 (TP)

Resolução de Exercícios

1

(1)

- 1) $\{x \mid x \in A \wedge x < \text{mínimo}(B)\}$
- 2) $\{x \mid x \in A \wedge x > ((\sum A) / \#A)\}$

2

(1)

- 1) [6,12,18]
- 2) [6,12,18]
- 3) [(10,20),(11,19),(12,18),(13,17),(14,16),(15,15),(16,14),(17,13),(18,12),(19,11),(20,10)]
- 4) [1,1,4,4,9,9,16,16,25,25]

(2)

- 1) $[2^x \mid x \in [0..10]]$
- 2) $[(x,y) \mid x \in [1..5], y \in [1..5], x+y==6]$ (..ou então,) $[(x,6-x) \mid x \in [1..5]]$
- 3) $[x \mid x \in [1..a] \mid a \in [1..5]]$
- 4) $[1 \mid a \in [1..x] \mid x \in [1..5]]$
- 5) $[\text{product}[1..a] \mid a \in [1..6]]$