## Exercise (set operations)

- A =  $\int x |x|$  is a vowel of the English alphabet  $\hat{y}$ B =  $\int x |x|$  is a consonent of the English alphabet  $\hat{y}$ 
  - a) ANB
  - b) AUB
  - c) A-B-A
- ②  $A = \{1, 2, 3, 5, 6\}$   $B = \{0, 4, 5\}$ 
  - a) B-A O, Y. d) A X B
  - b) A-B1236 e) BXA
  - c) AUB 0123456. f) (AXB) (BXA)

7,0) (1,4) (1,5

3  $A = \{a, b, c, d\}$   $B = \{a, b, c, e, g, h\}$   $B = \{a, b, c, e, g, h\}$ a)  $B \cap A \{a, c, d\} c$  P(B-A)b)  $B - A \{e, f, h\} d$   $P(A \cap B)$ 

- $A = \{0, 2, 4, 6, 8, 10\}$   $B = \{0, 1, 2, 3, 4, 5, 6\}$   $C = \{4, 5, 6, 7, 8, 9, 10\}$ 
  - a) AMBMC
  - b) AUBUL
  - a) (ANB)UC
- - a) (AMB) (BMC)
  - b) ANBAL
  - c) (AUB) (Anc)