## 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  $\hat{y}$ 

Determine (in roster notation)

②  $A = \{1, 2, 3, 5, 6\}$  $B = \{0, 4, 5\}$ 

Determine (in roster notation)

$$f)$$
  $(A \times B) \cap (B \times A)$ 

3  $A = \{a, b, c, d\}$  $B = \{a, b, c, e, g, h\}$ 

Determine (in roster notation)

$$A = \{0, 2, 4, 6, 8, 10\}$$

$$B = \{0, 1, 2, 3, 4, 5, 6\}$$

$$C = \{4, 5, 6, 7, 8, 9, 10\}$$

Determine (in roster notation)

- a) ANBNC
- b) AUBUL
- a) (ANB)UC

Determine (in roster notation)