

TP 1 - Exercices pratiques

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1 Notation Mathématique

Question 1

1. $I = \{1, 2, 3, 4\}$
2. $J = \{1, 2, 3\}$
3. $K = \{1, 2, 3, 4, 5\}$
4. $K = \{1, 76, 2, 5, -1\}$

Question 2

1. $A = \{4, 6, 7, 8\}$
2. $B = \{(0, 0), (0, 5), (0, 7), (1, 1), (1, 6), (2, 2), (8, 2), (9, 1), (9, 7)\}$
3. $C = \{0, 1, 2, 8, 9\}$
4. $D = \{(1, 2, 3), (2, 3, 76), (3, 76, 27), (76, 27, 1), (27, 1, 2), (1, 2, 1)\}$

Question 4

- $\forall i, 0 \leq i < n, a[i] = 0$
- $\forall i, \forall j, 0 \leq i, j < n, a[i] \neq a[j]$
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