$$A \times B = B \times A$$
.

a) $(A \subset B \land C \subset D) \Rightarrow (A \cup C \subset B \cup D),$

Vie może vyć fetrem skarex nalizy do wnystich wyonninych wierów

$$\sum eA \Rightarrow \times eB \land \times eC \Rightarrow \times eD \Rightarrow$$

$$\mathbb{C} \times \in \mathbb{A} \vee \mathbb{X} \in \mathbb{C} \Longrightarrow \mathbb{X} \in \mathbb{B} \vee \mathbb{X} \in \mathbb{D}$$

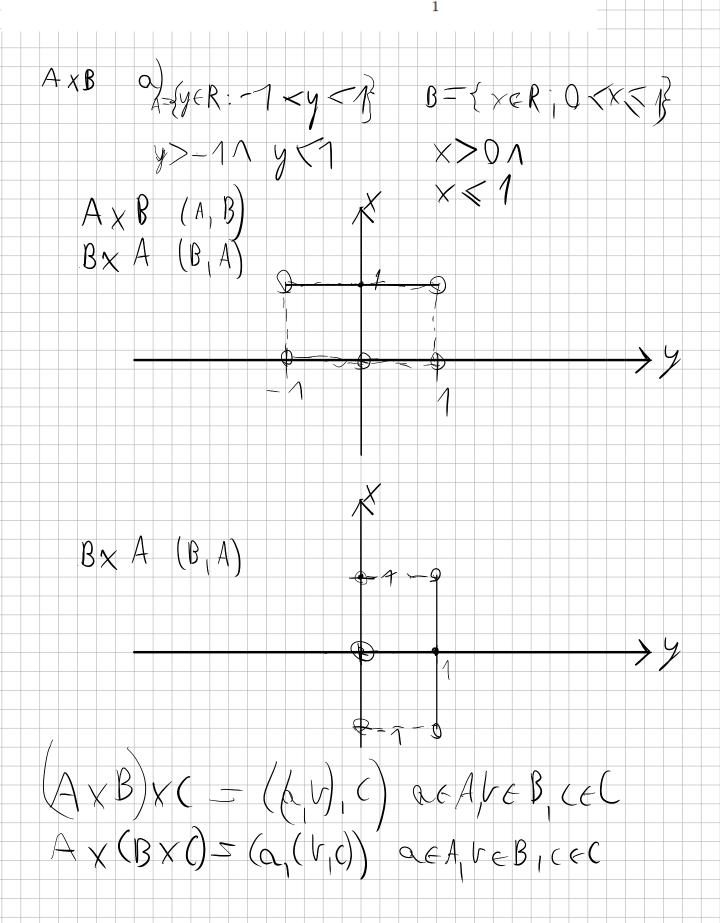
$$(\times \notin A \lor \times \in B) \land (\times \notin C \lor \times \in D)$$

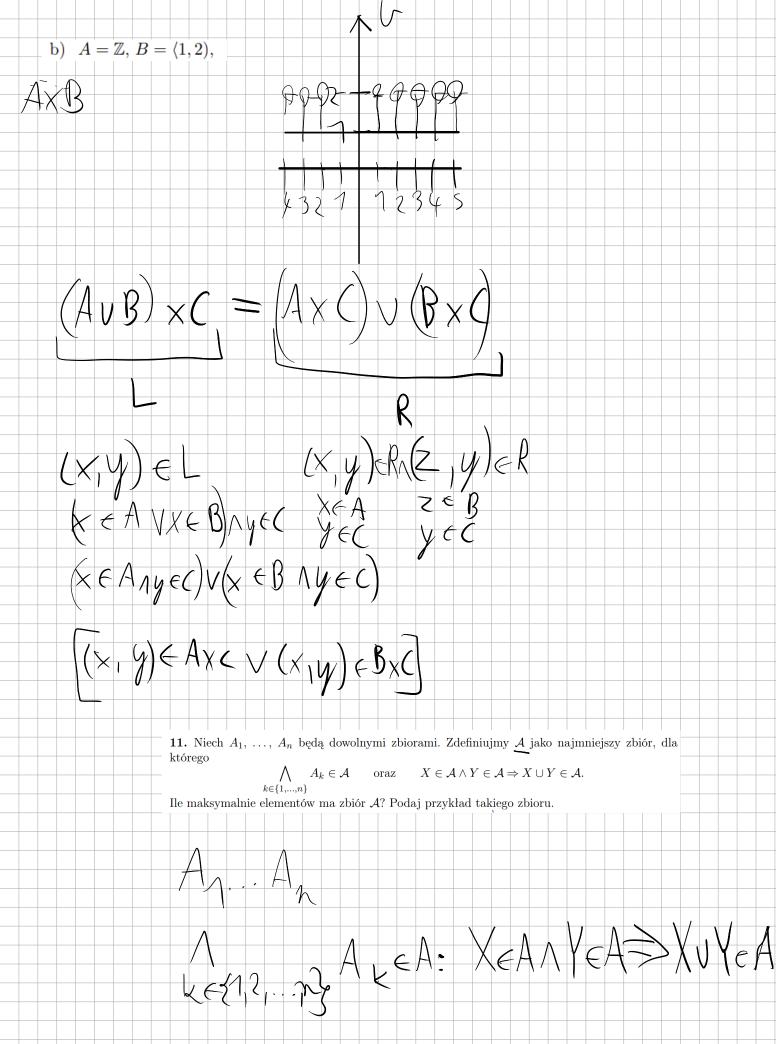
zviny

$$(\times AAA\times EC) \vee (X \in BVX \in D)$$

9. Naszkicuj na płaszczyźnie zbiory $A \times B$ i $B \times A$ dla:

- a) $A = \{ y \in \mathbb{R} : -1 < y < 1 \}, B = \{ x \in \mathbb{R} : 0 < x \le 1 \},$
- b) $A = \mathbb{Z}, B = (1, 2),$
- c) $A = \{x \in \mathbb{R} : x^2 + x 2 \ge 0\}, B = \{b \in \mathbb{N} : 2^b < 11\},$
- d) $A = \{x \in (0, \infty) : \frac{x-1}{x+1} < 0\}, B = \{x \in \mathbb{R} : x^2 \le 4\}.$





XEANYEA > XUYEA X = { 1,2,..., n} A k XEA YEA $A_1 A_2 \Rightarrow A_1$ Ay - rosse menuste 2 - 1 - 1 + 2 + 3 + ... + ... A U A3 $\frac{n!}{1(n-1)!} + \frac{n!}{2(n-2)!} + \frac{n!}{6(n-3)!} + \frac{n!}{n!(n)}$ $\left(\frac{1}{2} + \frac{1}{3} + \frac{$ $(x+y) = \sum_{k=0}^{\infty} (x)^{k} x^{k} + k$ Durman Newtona

To ten ifelomy treskat? AHHHHHHH!

