

קבוצות – פתרונות

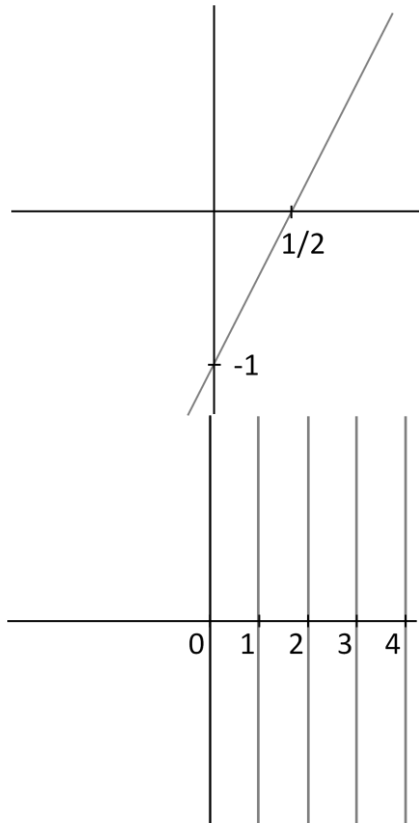
1. א. $A = \{0, 7, 28\}$, $|A| = 3$ ב.

ג. $A = \{0, 1, 2, 3, 1/2, 3/2, 1/3, 2/3\}$, $|A| = 8$

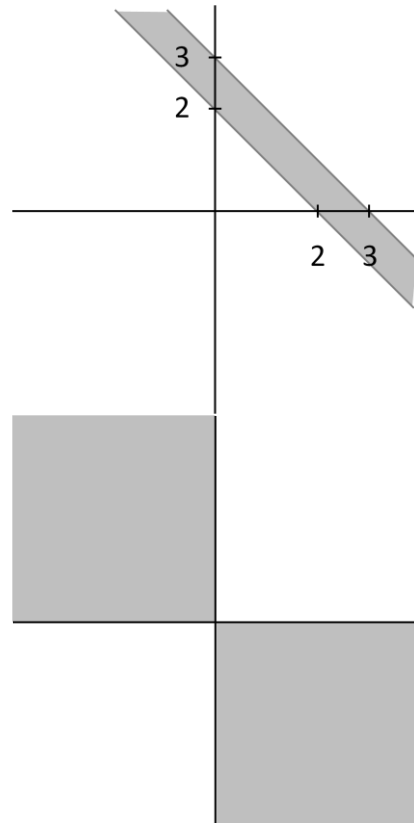
ד. $A = \{5, 6, 7, 8, 9, 10, 11, 13, 14, 17\}$, $|A| = 10$

2. א' ו ב'

3.



ב.



א.

ד.

ג.

4. א. $\{(x, y) \in \mathbb{R}^2 \mid x \leq 0 \vee y \leq 0\}$ ("או" = \vee)

ב. $\{(x, y) \in \mathbb{R}^2 \mid x^2 + y^2 = 9\}$

ג. $\{(x, y) \in \mathbb{R}^2 \mid x^2 + y^2 \leq 9\}$

ד. $\{(x, y) \in \mathbb{R}^2 \mid x + y = 1, -1 \leq x \leq 2\}$