

Operării cu intervale - Efectuare:

$$\left\{ \begin{array}{l} (-1; 2] \cup (0; 4) = (-1; 4) \\ (-1; 2] \cap (0; 4) = (0; 2] \\ (-1; 2] - (0; 4) = [-1; 0] \end{array} \right. \quad \left. \begin{array}{l} A = \underline{\underline{[-4; -3]}} \cup \underline{\underline{[3; 4]}} \\ (0; 4) - (-1; 2] = [2; 4] \end{array} \right\}$$

$$(-3; 3) \cup (-4; 4) = (-4; 4) \quad (-3; 3) - (-4; 4) = \emptyset$$

$$(-3; 3) \cap (-4; 4) = (-3; 3) \quad \underline{\underline{(-4; 4)}} - \underline{\underline{(-3; 3)}} = A -$$

$$[-4; 5) \cup (-1; 1) = [-4; 5) \quad [-4; 5) \cap (-1; 1) = (-1; 1)$$

$$[-4; 5) - (-1; 1) = [-4; -1] \cup [1; 5) \quad (-1; 1) - [-4; 5) = \emptyset$$

$$\left\{ \begin{array}{l} \underline{\underline{(-2; 2)}} \cup \underline{\underline{(3; 4)}} = \underline{\underline{(-2; 2)}} \cup \underline{\underline{(3; 4)}} \\ (-2; 2) - (3; 4) = \underline{\underline{(-2; 2)}} \\ (3; 4) - (-2; 2) = (3; 4) \end{array} \right. \quad \left. \begin{array}{l} (-2; 2) \cap (3; 4) = \emptyset \\ (0; 1) - (3; 4) = (0; 1) \end{array} \right\}$$

$$(-1; 1) \cap [1; 2] = \emptyset \quad (-1; 1) - (1; 2) = (-1; 1)$$

$$\underline{\underline{(-1; 1)}} \cup \underline{\underline{(1; 2)}} = \underline{\underline{(-1; 2)}} \setminus \underline{\underline{[1; 2]}} \quad (-1; 1) \cap [1; 2] = \{1\}$$

$$(-1; 1] \cup [1; 2) = (-1; 2) \quad (-1; 1] - [1; 2) = (-1; 1)$$

$$(-2; -1) \cap \mathbb{N} = \emptyset \quad [-2; -1] \cap \mathbb{Z} = \{-2\}$$

$$(-2; -1) \cap \mathbb{Z} = \emptyset \quad [-2; -1] \cap \mathbb{I} = \{-2; -1\}$$