

Operatii cu intervale - Efectuati:

$$(-1; 2] \cup (0; 4) = (-1; 4)$$

$$(-1; 2] \cap (0; 4) = (0; 2]$$

$$A = \underline{\underline{(-4; -3] \cup [3; 4)}}$$

$$(-1; 2] - (0; 4) = (-1; 0]$$

$$(0; 4) - (-1; 2] = (2; 4)$$

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

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

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

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

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

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

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

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

$$\underline{\underline{(-2; 2)}} \cup \underline{\underline{(3; 4)}} = \underline{\underline{(-2; 2) \cup (3; 4)}}$$

$$(-2; 2) \cap (3; 4) = \emptyset$$

$$(-2; 2) - (3; 4) = \underline{\underline{(-2; 2)}}$$

$$(0; 1) - (3; 4) = (0; 1)$$

$$(3; 4) - (-2; 2) = (3; 4)$$

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

$$(-1; 1) - (1; 2] = (-1; 1)$$

$$\underline{\underline{(-1; 1)}} \cup \underline{\underline{(1; 2)}} = \underline{\underline{(-1; 2) \setminus \{1\}}}$$

$$(-1; 1] \cap [1; 2) = \{1\}$$

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

$$(-1; 1] - [1; 2) = (-1; 1)$$

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

$$(-2; -1) \cap \mathbb{Z}_1 = \emptyset \quad [-2; -1] \cap \mathbb{Z}' = \{-2, -1\}$$