



Пусть  $A = \{2k + 1 \mid k \in \mathbb{Z}\}$ ,  $B = \{3k \mid k \in \mathbb{Z}\}$ . Найдите  $A \cap B$  и  $B \setminus A$ , т.е. запишите их в виде  $\{\dots \mid k \in \mathbb{Z}\}$

$$A \cap B = \{1$$

$$A = \{(+ -) 1, 3, 5, 7, 9, 11, 13, \dots \mid k \in \mathbb{Z}\}$$

$$B = \{(+ -) 0, 3, 6, 9, 12, 15, \dots \mid k \in \mathbb{Z}\}$$

$$A \cap B = \{(+ -) 3, 9, 15, 21, 27, \dots \mid k \in \mathbb{Z}\}$$

$$A \cap B = \{3k \mid k = 2x + 1; x \in \mathbb{Z}\}$$

$$A \cap B = \{3x \mid x = 2k + 1; k \in \mathbb{Z}\}$$

$$B \setminus A = \{0, 6, 12, 18, \dots \mid x = 6k; k \in \mathbb{Z}\}$$