

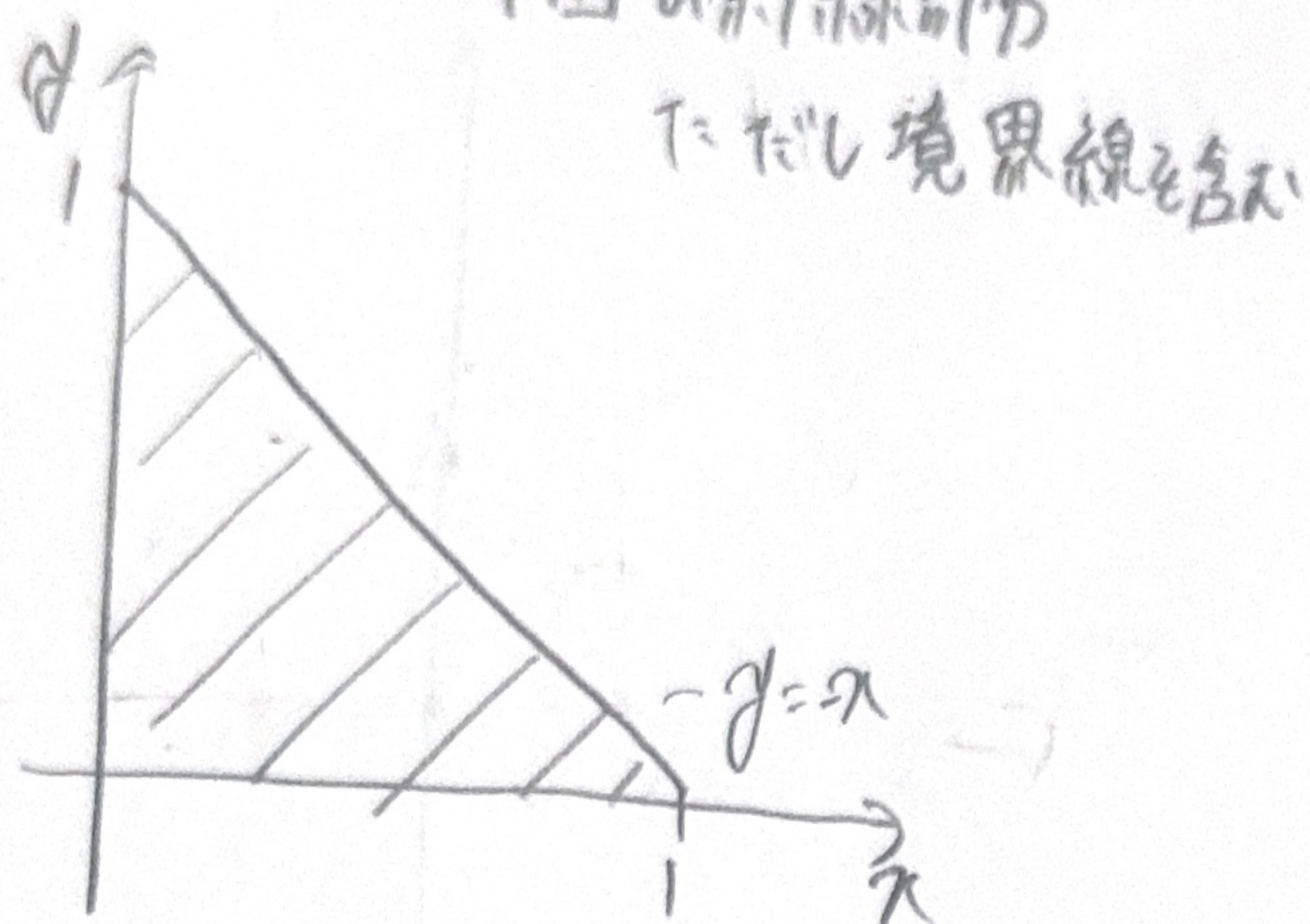
① 1.  $X = \{0, 3, 6, 9\}$  2.  $Y = \{2, 3, 5, 7\}$

3.  $Z = \{1, 3, 5, 7, 9\}$  4.  $Y \cup X = \{0, 2, 3, 5, 6, 7, 9\}$

5.  $Y \cap X = \{3\}$

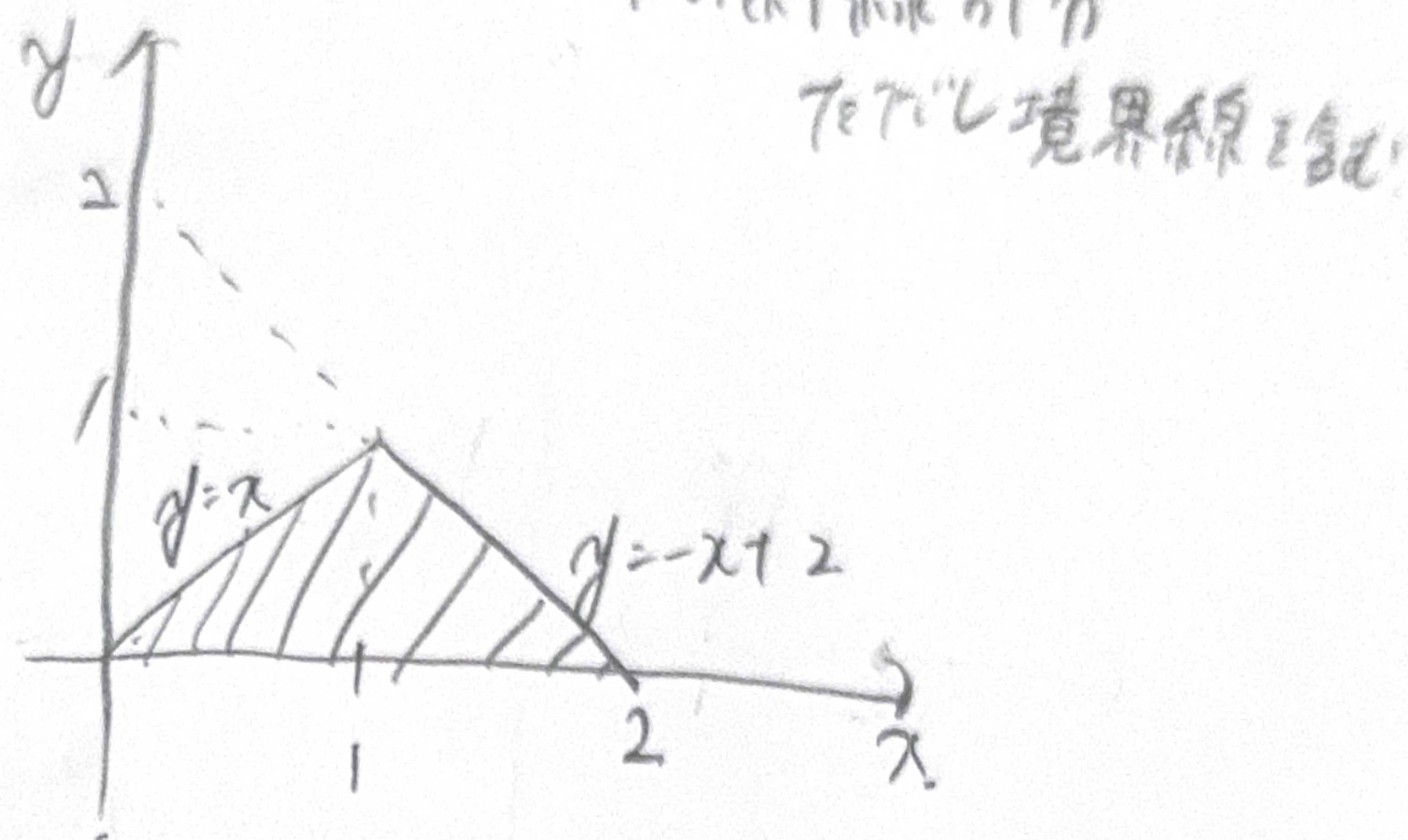
6.  $(X \cup Z) \cap Y = \{0, 3, 5, 6, 7, 9\}$

②  $S \cap U$  下の斜線部分



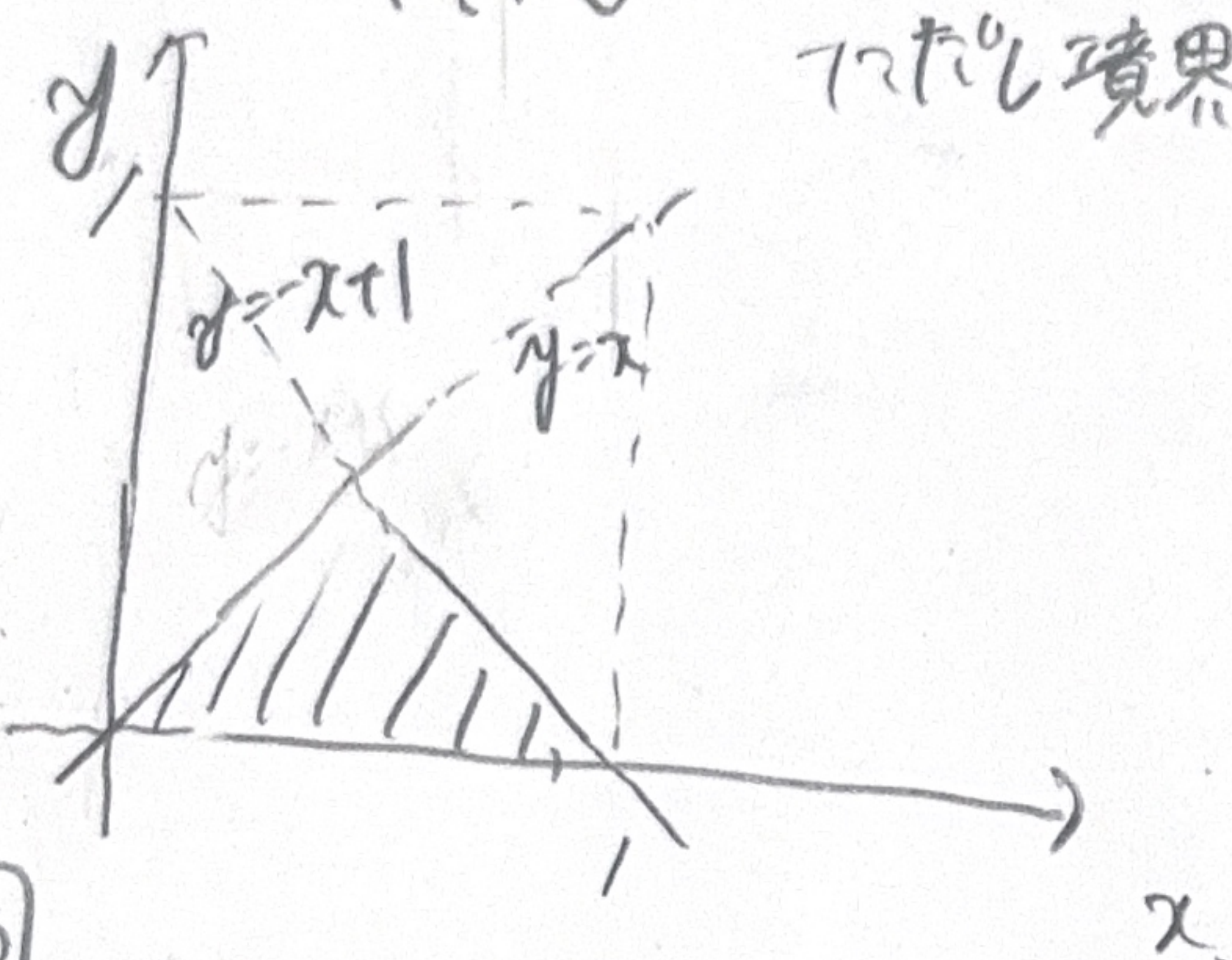
$T \cap U$

下の斜線部分



$S \cap T \cap U$

下図の境界線を含む



③ 1.  $X = \{1, 2, 3, 4, 5\}$

2.  $Y = \{y \in \mathbb{N} \mid y \pmod{2} = 0\}$

3.  $Z = \{1, 3, 5\}$

4.  $X \subset Z$

④  $a = 17$