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 6-7
 5-6
 4
 2-3
 1
 0

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$\frac{|x+y|}{|1+xy|} < 1$
 $|x| < 1, |y| < 1.$

1 + xy

$(1 \pm x)(1 \pm y) > 0,$

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$\sqrt{2}$

$$\begin{aligned}
 & p_1 = p_2, \quad d_1 = d_2, \quad - \quad a = b, \quad - \quad h. \\
 & d_1 \geq d_2, \quad p_1 \geq p_2, \quad p_1 + p_2 \geq a + b, \quad p_1 \geq (a + b)/2 = S/h = 1/h, \\
 & d_1^2 = p_1^2 + h^2 \geq 1/h^2 + h^2 \geq 2, \quad p_1 = p_2 = h = 1. \\
 & d_1 = \sqrt{2}.
 \end{aligned}$$

4

$$\begin{aligned}
 & p = q, \quad x^2 + (p-1)x + q = 0 \quad x^2 + (p+1)x + q = 0 \\
 & x^2 + px + q = 0 \quad ?
 \end{aligned}$$

, .

, $p=0, q=0,1$.

$$(D=(\pm 1)^2 - 4 \cdot 0,1 > 0), \quad : x^2 + 0,1 = 0$$

$$: -0,5 < p < 0,5 .$$

$$(+1)^2 - 4q > 0 \quad (-1)^2 - 4q > 0, \quad -4q < 0 .$$

$$\begin{cases} (p+1)^2 - p^2 > 0, \\ (p-1)^2 - p^2 > 0 \end{cases} \Leftrightarrow -0,5 < p < 0,5$$

q .

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1, 2, 3, ..., 1000.

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