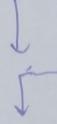
$$\frac{a^2+b^2}{b^2-a}$$
, $\frac{b^2+a}{a^2-b}$ \rightarrow integers.



From these two conditions.

If (b+a) >0. (b-a-1) <0

b-a 51

(b-a+1) >0

b-a > -1

It bta Co.

(b-a-1) >0.

(b-a+1) < 0

6-0>1 (6-0) <-1

possible.

80, finally,

btaso

b-a < 1

b-93-1

-> b+a>0

, 6 b-a E [-1,1].

(a-b) e [-1,1].

$$a^{2}+b^{2} = k(b^{2}-a) \qquad (b^{2}+a) = l(a^{2}-b).$$

$$a^{2}-kb^{2} = -b-ka \qquad b^{2}-la^{2} = -a-lb.$$

$$a(a+k) = b(bk-1) \qquad b(b+l) = a(al-1).$$

$$\frac{a}{b} = \frac{bk-1}{a+k} = \frac{b+l}{al-1}.$$

$$(bk-1)(al-1) = (b+l)(a+k).$$

$$abkl-bk-al+1 = ab+bk+al+kl.$$

$$ab(1kl-1) = -2(bk+al) + (l-kl) = 0.$$

$$(ab-1)(kl-1) = 2[abk+al].$$

$$b+a>0$$

$$b-a \in (-1,1]$$