

1. $(b^2 - ac) : 9$

1, 2, 3, 4, 5, 6, 7, 8;

$(5^2 - 8 \cdot 2) = 25 - 16 = 9; 9 : 9 = 1;$

$(7^2 - 4 \cdot 1) = 49 - 4 = 45; 45 : 9 = 5;$

~~$(8^2 - 6 \cdot 4) =$~~

~~$(8^2 - 6 \cdot 4) = 64 - 24 = 40; 40 :$~~

$(8^2 - 5 \cdot 1) = 64 - 10 = 54; 54 : 9 = 6;$

2. Бер:

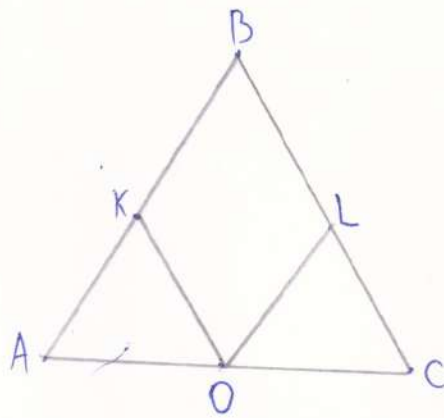
$\triangle ABC$

AK succ.

CL succ.

$\angle AOC =$ сүйір
бауыр мүмкін
се?

Ш:



Жауабы:

~~АК~~ АОС бүрышы

сүйір бауыр мүмкін
емес.

3.
$$\begin{cases} abcd - ab = 2021^{2022} \\ abcd - bc = 22021^{2022} \\ abcd - cd = 222021^{2022} \\ abcd - da = 2222021^{2022} \end{cases} \Rightarrow$$

~~$$\begin{cases} abcd \\ abcd \\ abcd \\ abcd \end{cases}$$~~

$$\begin{cases} cd = 2021^{2022} \\ ad = 22021^{2022} \\ ab = 222021^{2022} \\ bc = 2222021^{2022} \end{cases} \Rightarrow$$

$$\begin{cases} cd = 0^{2022} \\ ad = 2^{2022} \\ ab = 0^{2022} \\ bc = 2^{2022} \end{cases} \Rightarrow \begin{cases} cd = 0 \\ ad = 4044 \\ ab = 0 \\ bc = 4044 \end{cases}$$