

№1.

Шешімі: (a, b, c) 1, 2, 3, 4, 5, 6, 7, 8.

$(b^2 - ac)$ 5, 6, 7. 1, 2, 3. 4, 5, 6

$(6^2 - 5 \cdot 7) = 1$. $(2^2 - 1 \cdot 3) = 1$ $(5^2 - 4 \cdot 6) = 1$.

Иә, башқайда. Себебі, олар 9-ға бөлінбейді.

6, 7, 8.

№2.

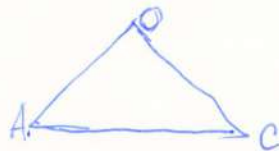
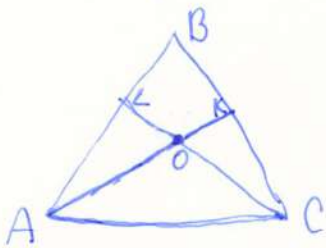
$(7^2 - 6 \cdot 8) = 1$.

$\triangle ABC$

AK и CL AOC = сүйір ме?

Иә, сүйір болуы мүмкін.

$\angle A + \angle B + \angle C = 180^\circ$



$\angle AOC = 180^\circ - \left(\frac{\angle A}{2} + \frac{\angle C}{2} \right)$

$\angle AOC = 90^\circ$

№3.

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

$a^4 b^4 c^4 d^4 - a^2 b^2 c^2 d^2 = 2222021^{2022}$

$a^2 b^2 c^2 d^2 = 2222021^{2022}$.