

A colorful illustration of four children and a teddy bear. In the center, a boy with blonde hair and a blue shirt smiles broadly. To his left, a girl with blonde pigtails and red hair ties smiles. To his right, a girl with blonde hair and pink hair ties smiles. A small yellow teddy bear is peeking out from behind the boy. In the bottom left corner, another child's head is visible, also smiling. They are all holding a large, light yellow, rounded rectangular sign with a dark brown border. The sign contains the Russian text «Счастливый случай» in a bold, black, serif font.

**«Счастливый  
случай»**

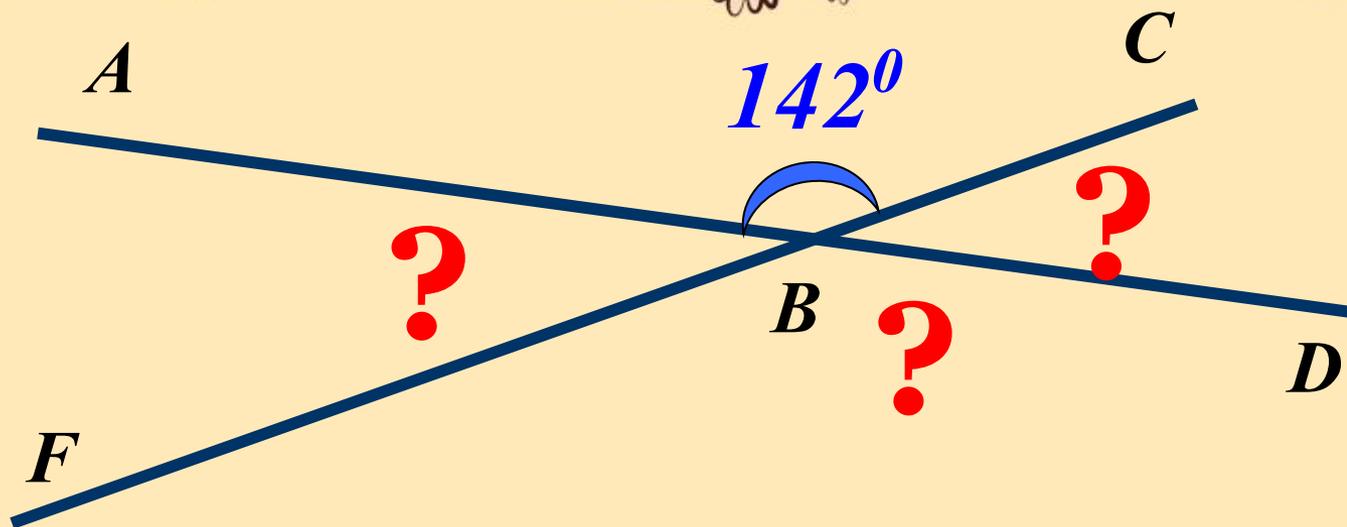
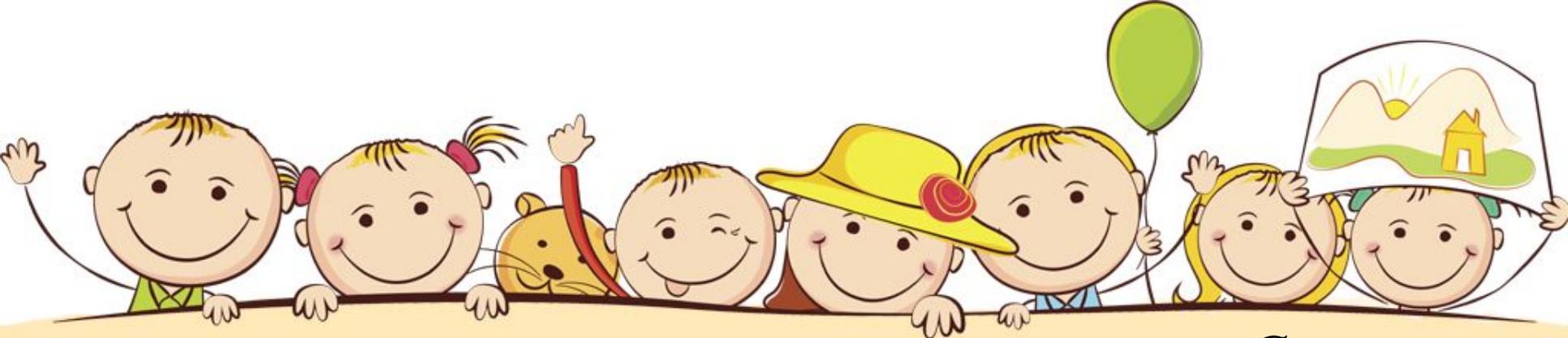


***І гейм***



***«Разминка***





$$\angle FBD = 142^{\circ}$$

$$\angle ABF = 38^{\circ}$$

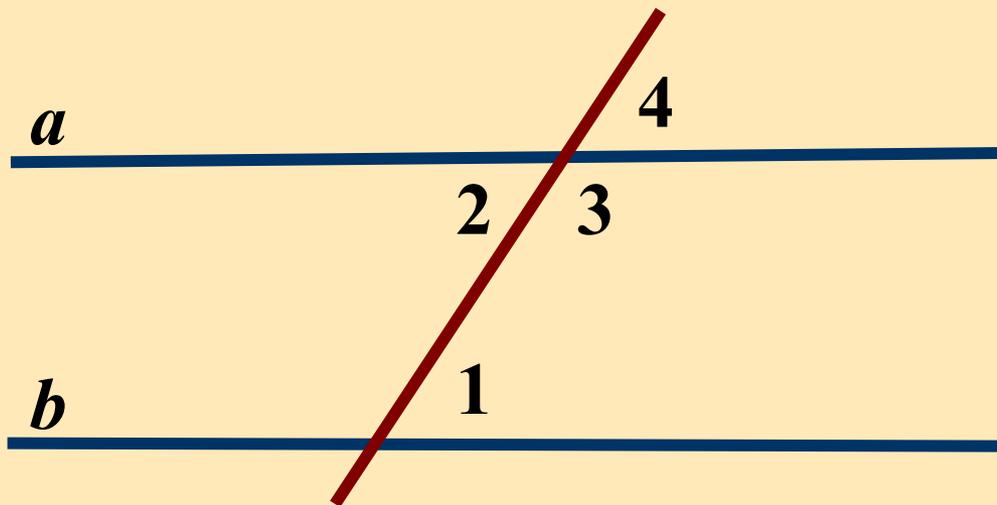
$$\angle CBD = 38^{\circ}$$

**Ответ**



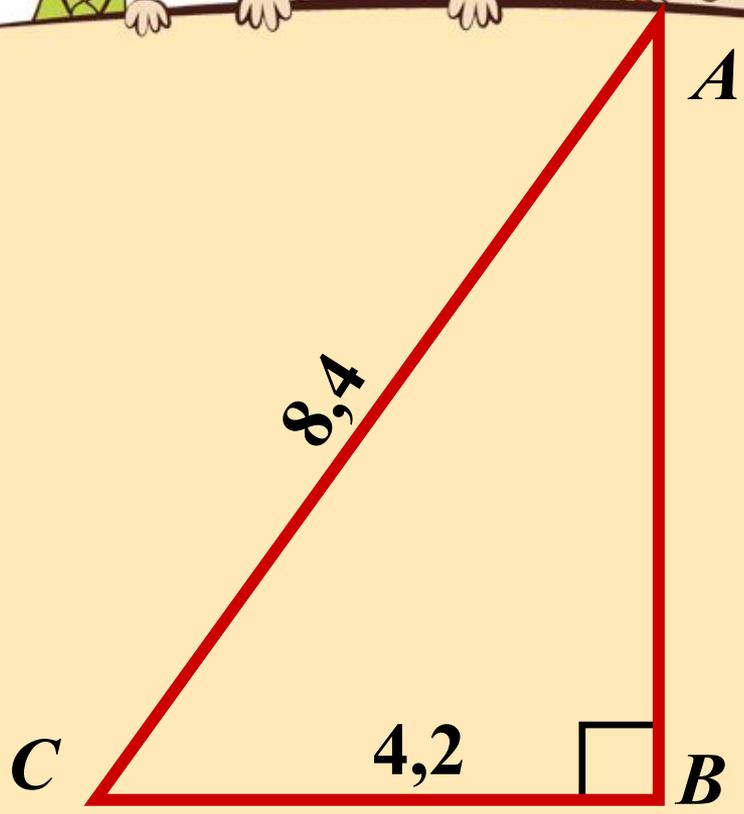
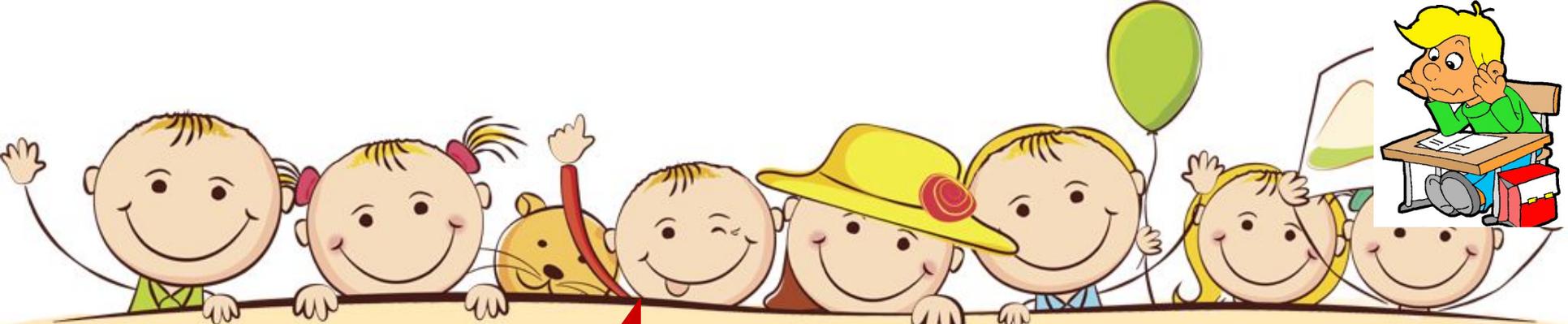
Дано:  $a \parallel b$ ,  $\angle 1 = 75^\circ$

Найти:  $\angle 2, \angle 3, \angle 4$



**Ответ**

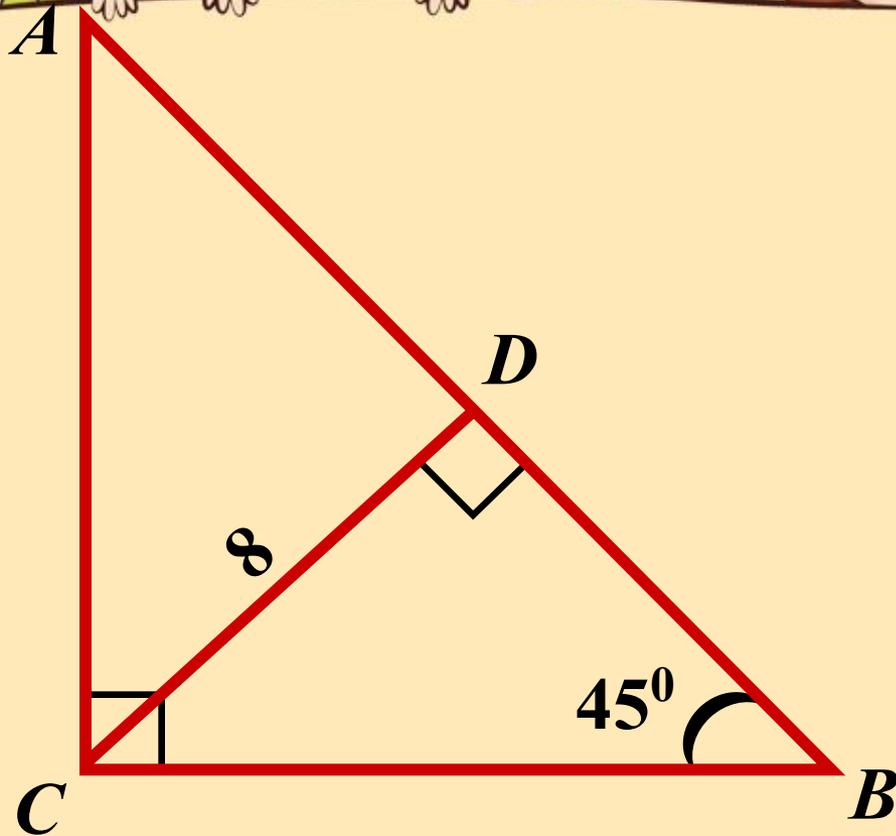
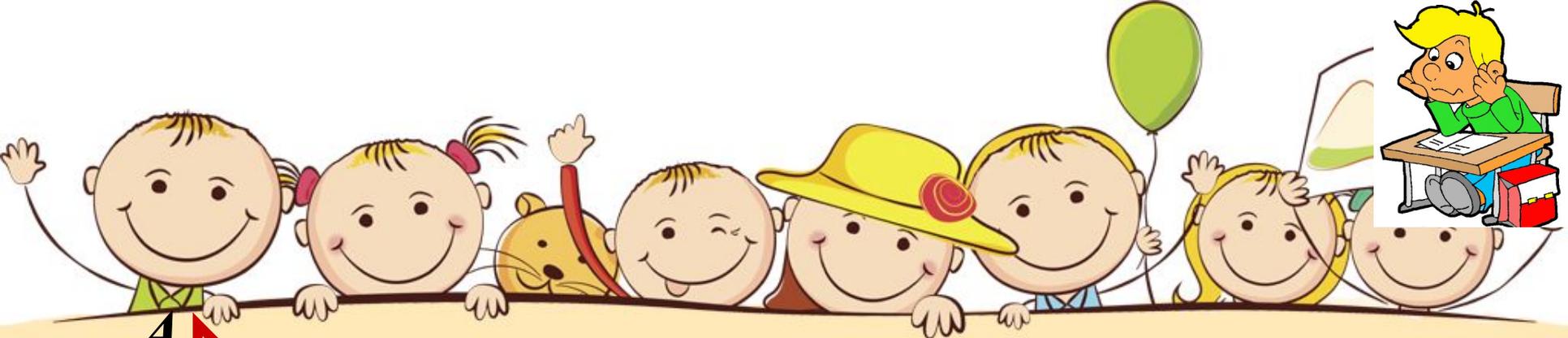
$$\angle 2 = 75^\circ, \angle 3 = 105^\circ, \angle 4 = 75^\circ$$



Найти:  $\angle A, \angle C$

Ответ

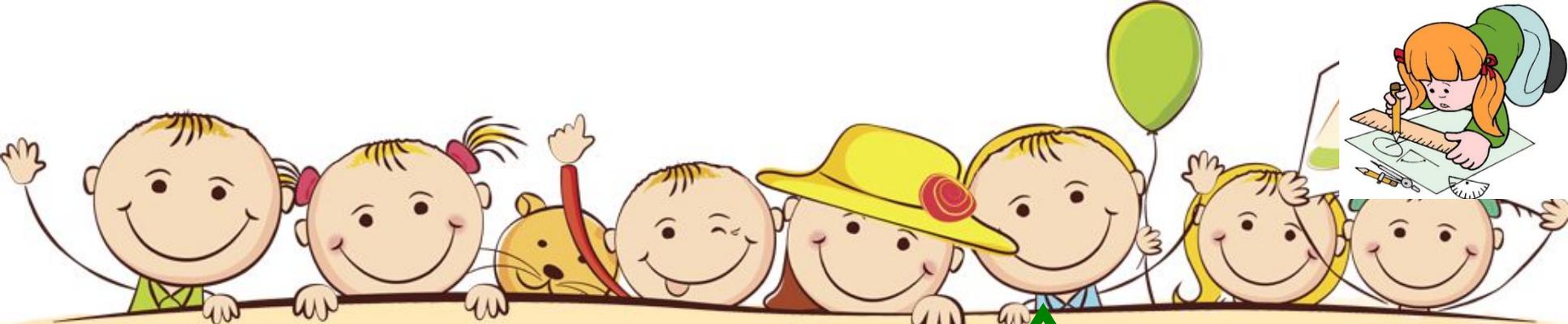
$$\angle A = 30^{\circ}, \angle C = 60^{\circ}$$



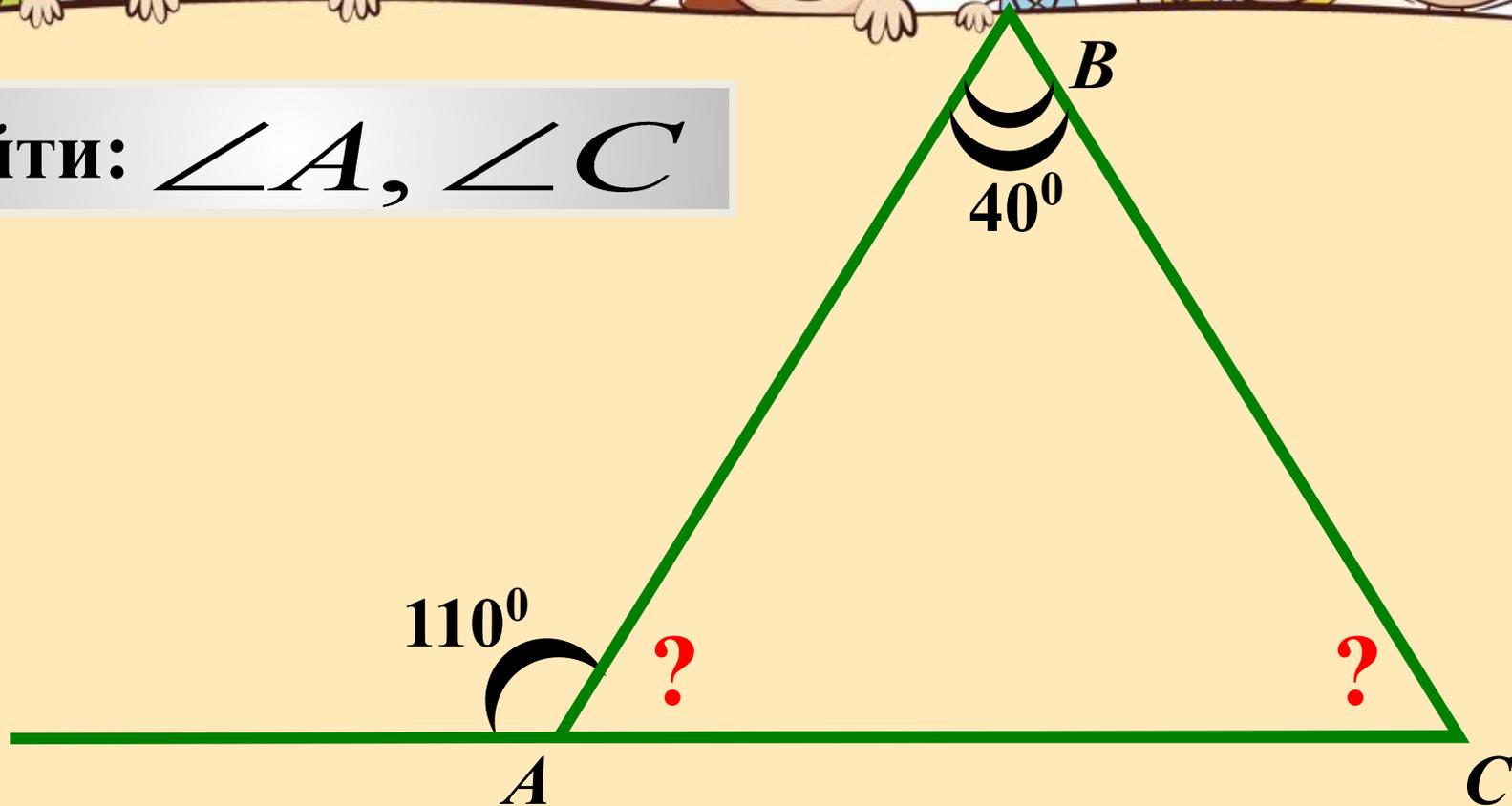
Дано:  $\triangle ABC$ ,  
 $\angle C = 90^\circ$ ,  
 $\angle ABC = 45^\circ$ ,  
 $CD \perp AB, CD = 8$   
Найти:  $AB$

Ответ

$$AB = 16$$



Найти:  $\angle A$ ,  $\angle C$



Ответ

$$\angle A = 70^\circ, \angle C = 70^\circ$$



**II гейм**

**«Дальше...Дальше**

**...»**





***III гейм***

***«Спешите  
решать и  
отвечать»***





***IV гейм***

***«Гонка за лидером»***







<b>К</b>						
<b>К</b>						
<b>К</b>						
<b>К</b>						

**К**



**П**

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<b>п</b>	е	р	и	м	е	т	р
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<b>п</b>	р	о	и	з	в	е	д	е	н	и	е
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<b>п</b>	р	я	м	о	у	г	о	л	ь	н	и	к
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<b>к</b>	<b>у</b>	<b>б</b>				
<b>к</b>	<b>а</b>	<b>т</b>	<b>е</b>	<b>т</b>		
<b>к</b>	<b>о</b>	<b>р</b>	<b>е</b>	<b>н</b>	<b>ь</b>	
<b>к</b>	<b>в</b>	<b>а</b>	<b>д</b>	<b>р</b>	<b>а</b>	<b>т</b>

**К**