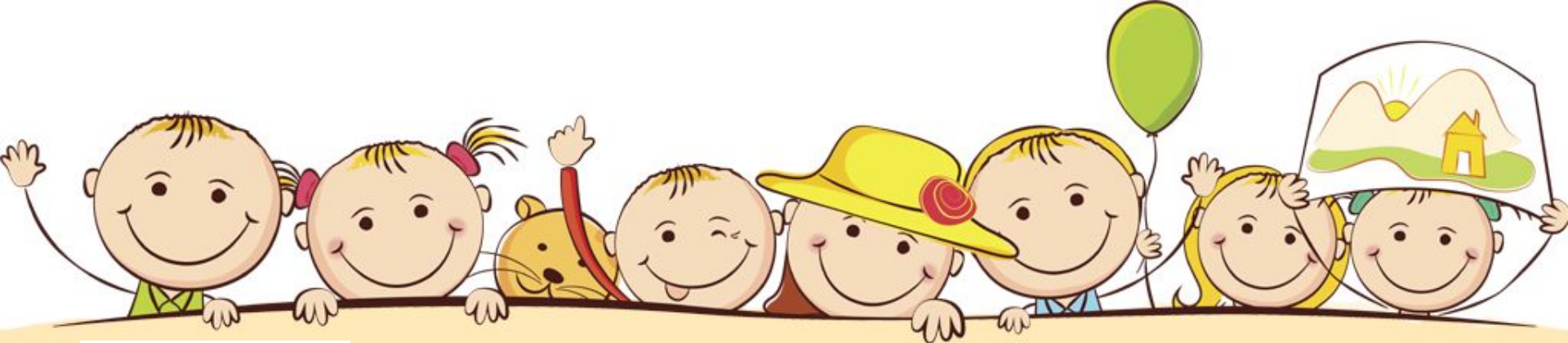
An illustration of four children and a teddy bear. A boy with blonde hair and a blue shirt is in the center, smiling. To his left is a girl with blonde pigtails and red hair ties. To his right is a girl with blonde pigtails and pink hair ties. A small yellow teddy bear is peeking out from behind the 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»**

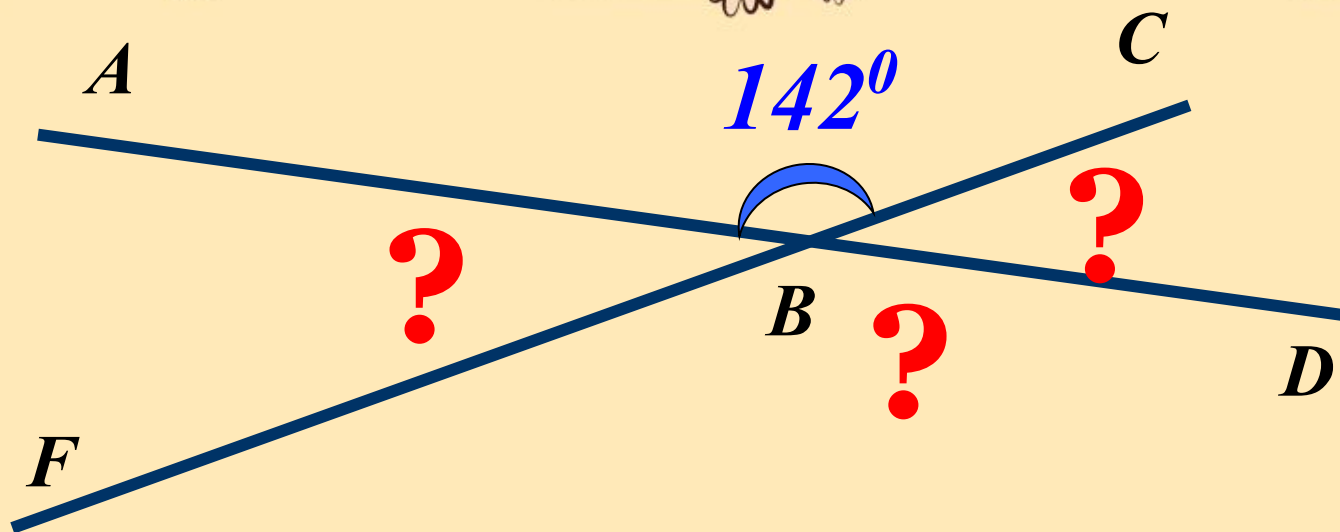
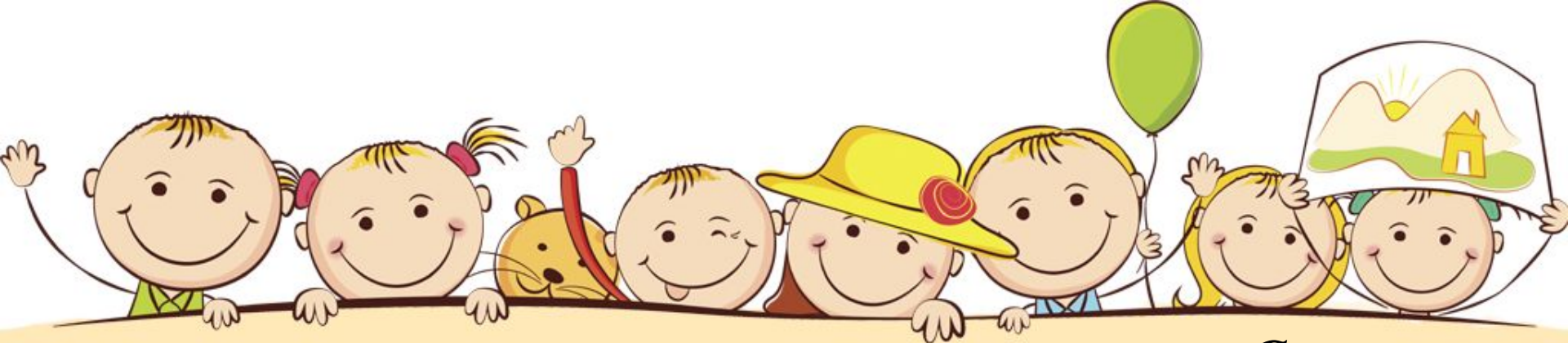


І гейм



«Разминка



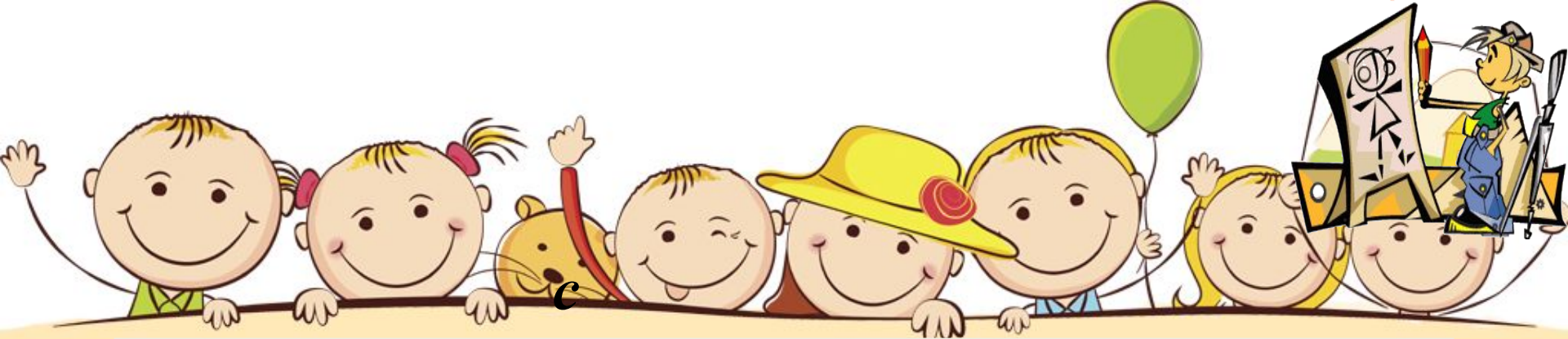


$$\angle FBD = 142^{\circ}$$

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

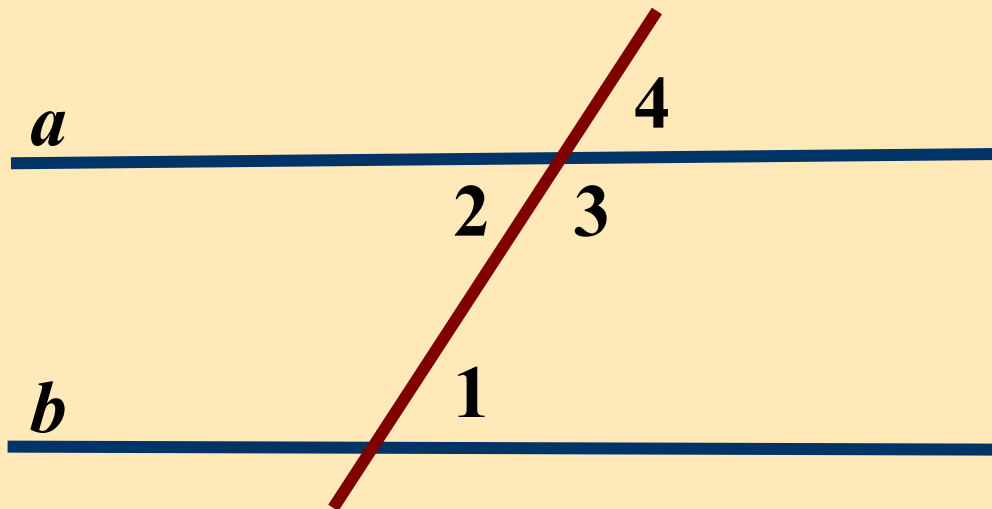
$$\angle CBD = 38^{\circ}$$

Ответ



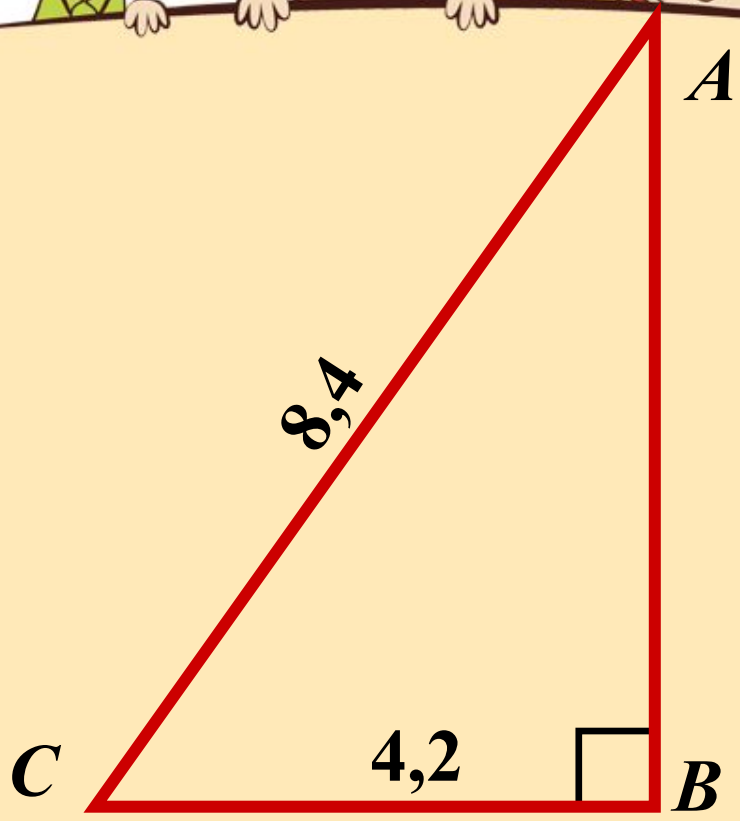
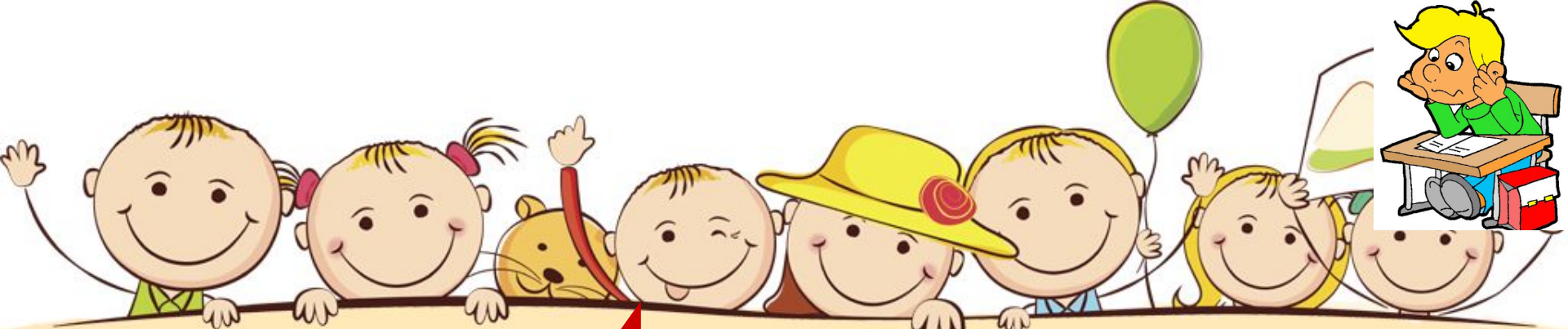
Дано: $a \parallel b$, $\angle 1 = 75^\circ$

Найти: $\angle 2, \angle 3, \angle 4$



Ответ

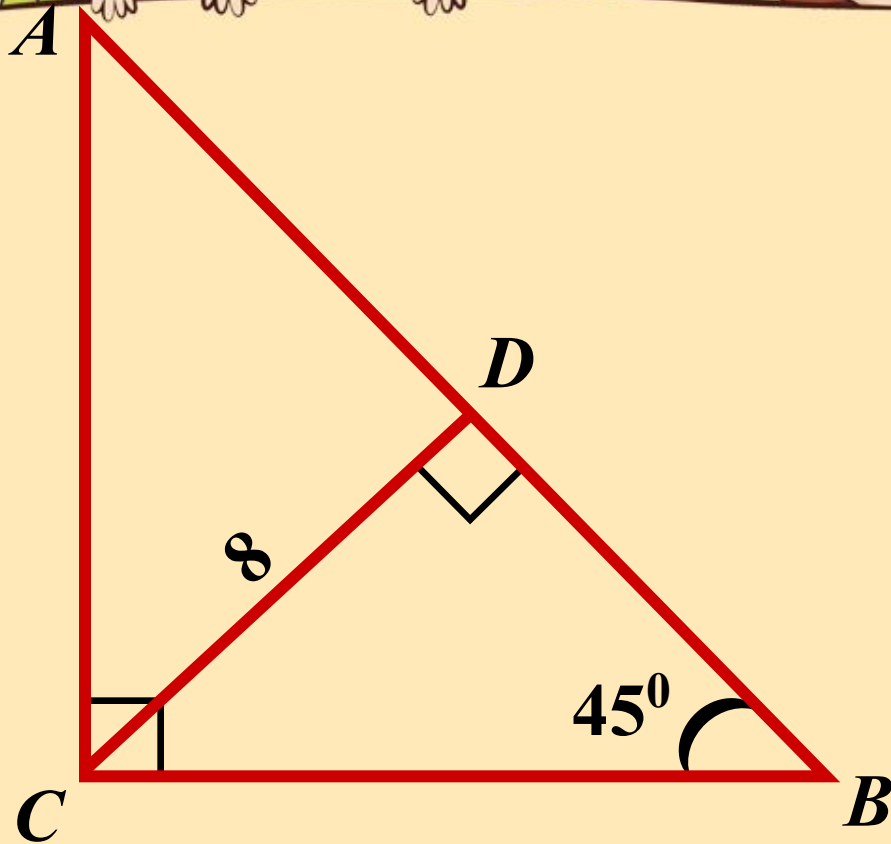
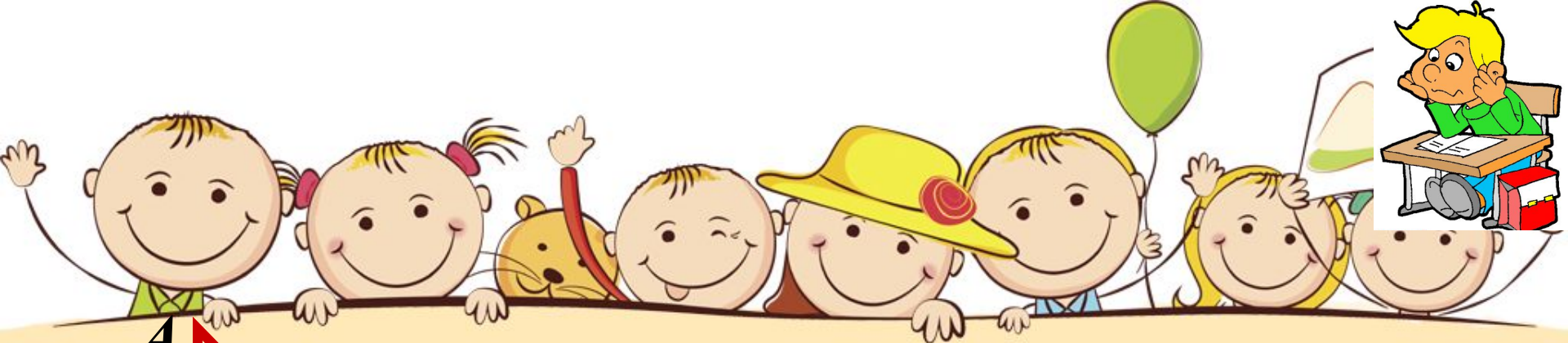
$$\angle 2 = 75^\circ, \angle 3 = 105^\circ, \angle 4 = 75^\circ$$



Найти: $\angle A, \angle C$

Ответ

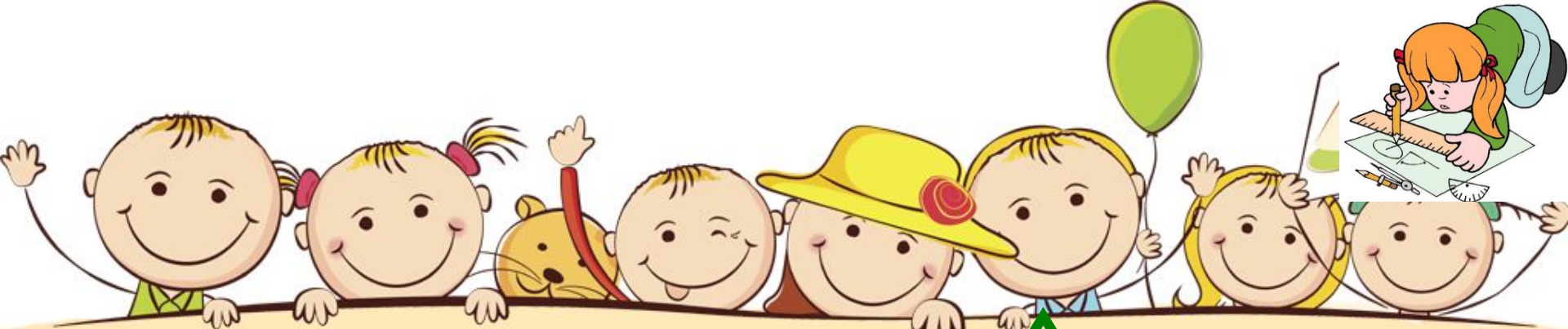
$$\angle A = 30^{\circ}, \angle C = 60^{\circ}$$



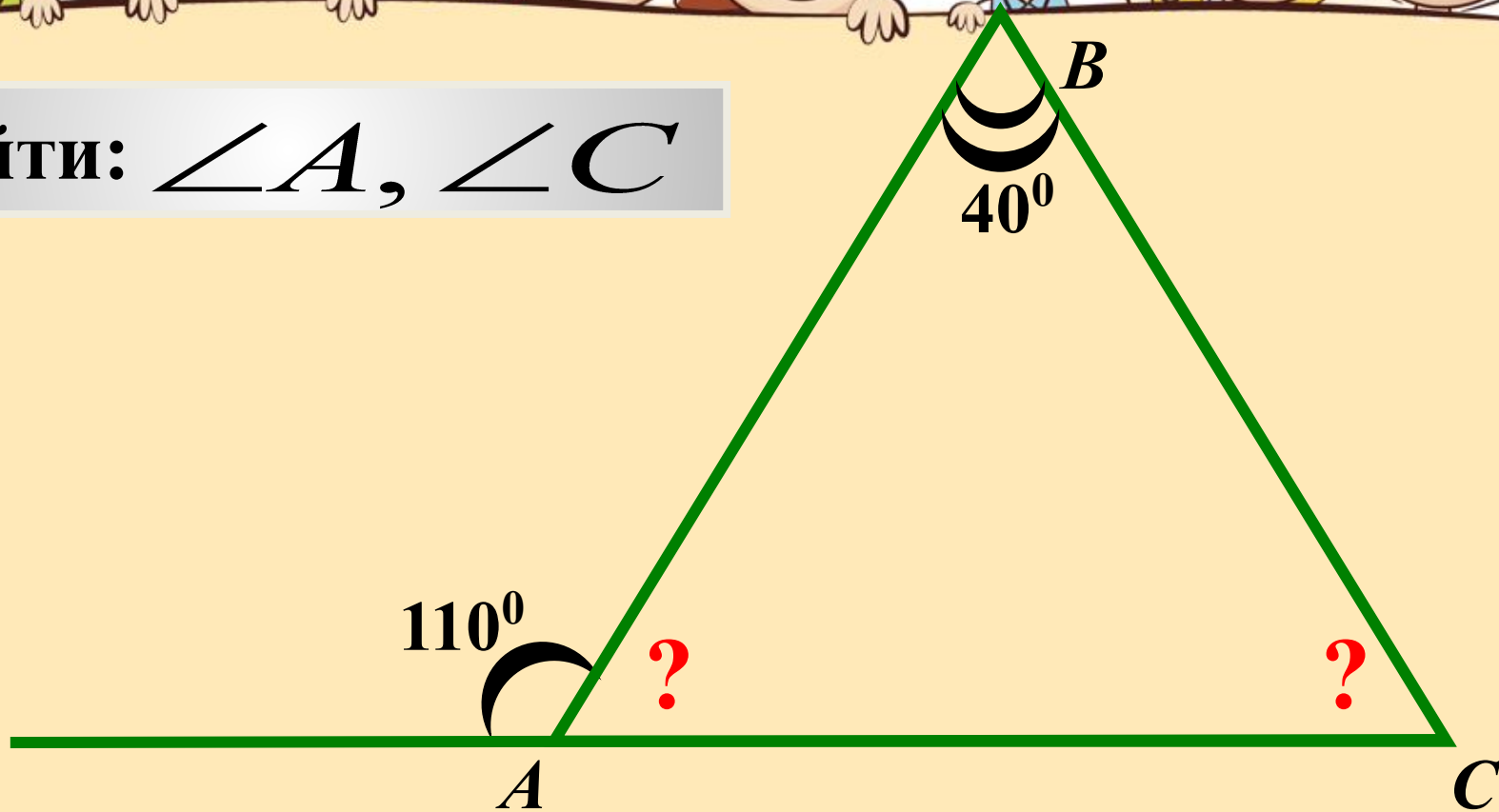
Дано: $\triangle ABC$,
 $\angle C = 90^\circ$,
 $\angle ABC = 45^\circ$,
 $CD \perp AB, CD = 8$
Найти: AB

Ответ

$$AB = 16$$

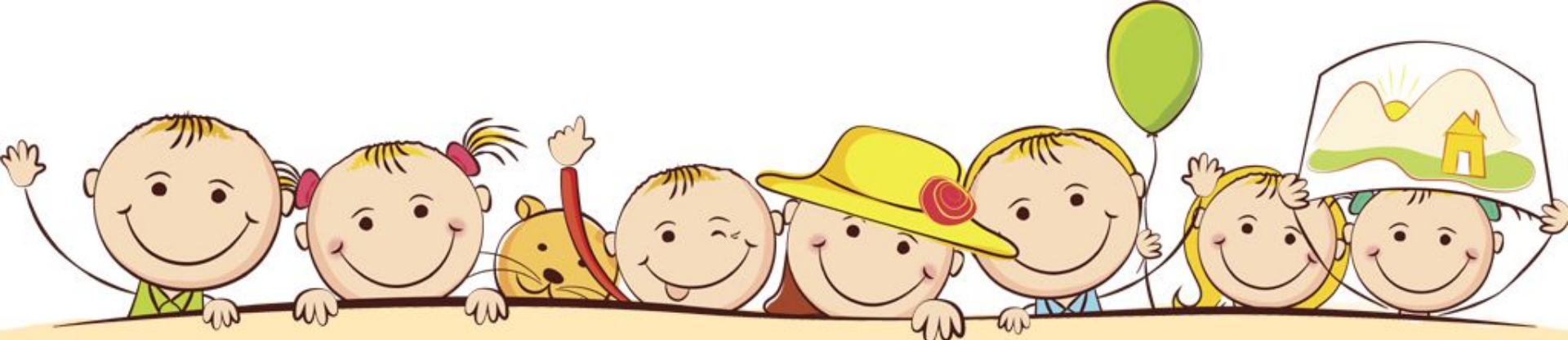


Найти: $\angle A$, $\angle C$



Ответ

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

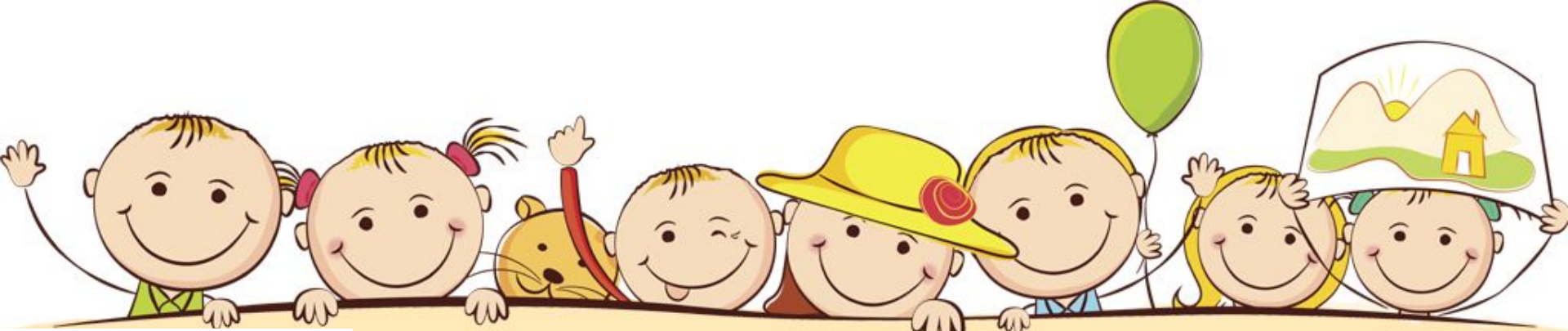


II гейм

«Дальше...Дальше

...»

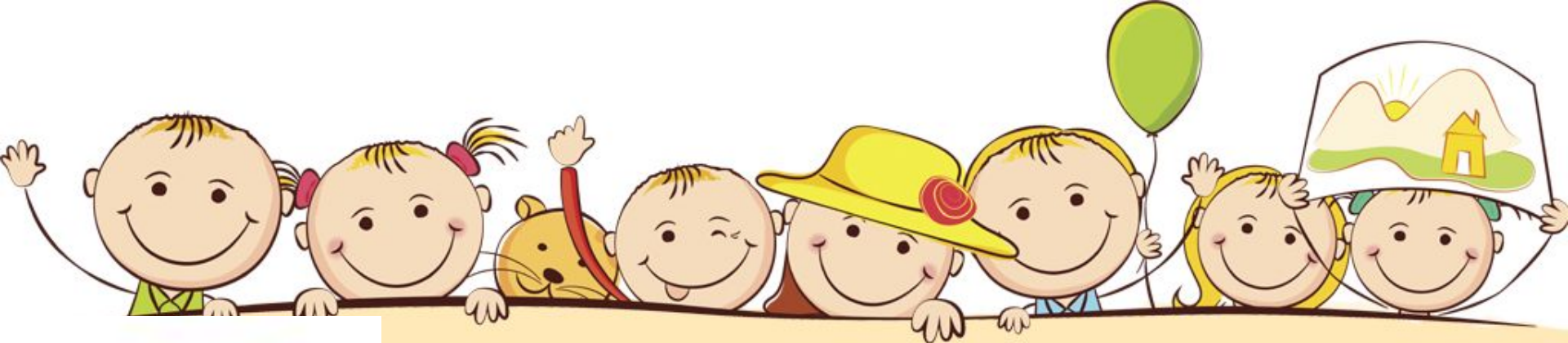




III гейм

***«Спешите
решать и
отвечать»***





IV гейм

«Гонка за лидером»





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