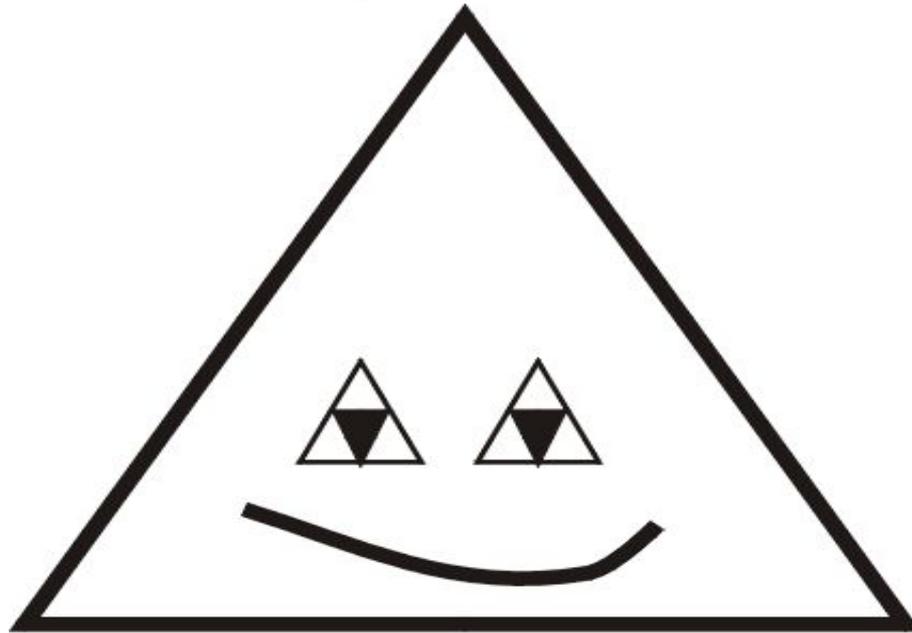
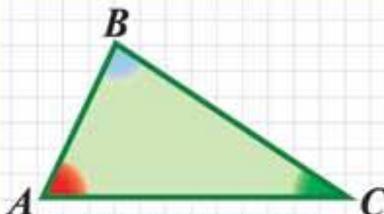
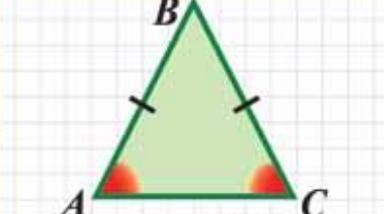
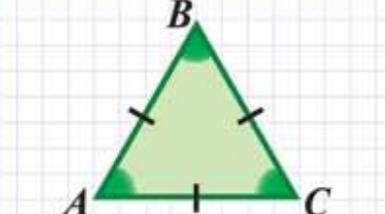
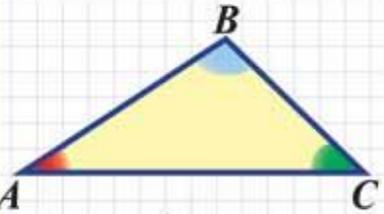
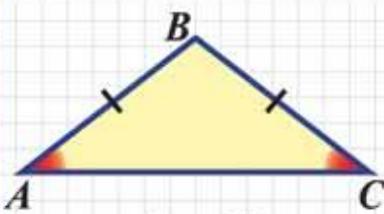
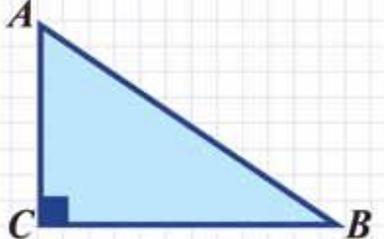
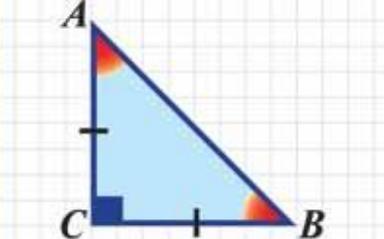


Решение задач по теме треугольники



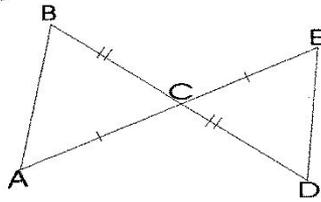
ТРЕУГОЛЬНИК
TRIANGLE

ВИДЫ ТРЕУГОЛЬНИКОВ

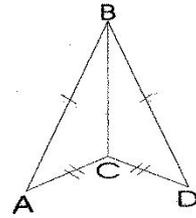
ПО СТОРОНАМ ПО УГЛАМ	РАЗНОСТОРОННИЕ (все стороны разные)	РАВНОБЕДРЕННЫЕ (две стороны равны)	РАВНОСТОРОННИЕ (все стороны равны)
ОСТРО-УГОЛЬНЫЕ (все углы острые)	 $AB \neq BC \neq AC$ $\angle A < 90^\circ; \angle B < 90^\circ; \angle C < 90^\circ$	 $AB = BC$ $\angle A = \angle C; \angle B < 90^\circ$	 $AB = BC = AC$ $\angle A = \angle B = \angle C = 60^\circ$
ТУПО-УГОЛЬНЫЕ (один угол тупой)	 $\angle B > 90^\circ \text{ (или } \angle A > 90^\circ \text{ или } \angle C > 90^\circ)$	 $\angle B > 90^\circ$	<p style="text-align: center;">—</p>
ПРЯМО-УГОЛЬНЫЕ (один угол прямой)	 $\angle C = 90^\circ$	 $\angle A = \angle B = 45^\circ$	<p style="text-align: center;">—</p>

Признаки равенства треугольников.

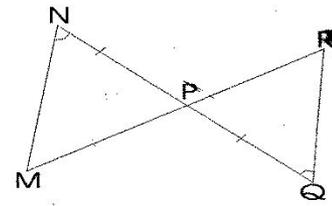
①



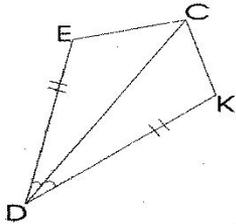
②



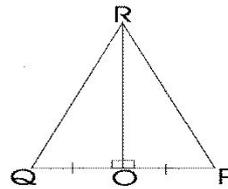
③



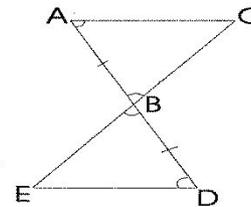
④



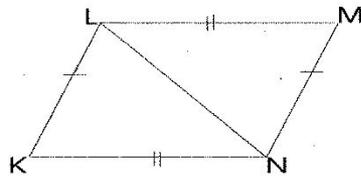
⑤



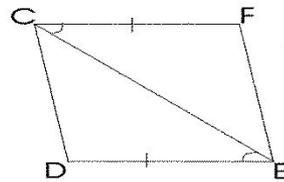
⑥



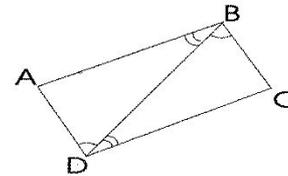
⑦



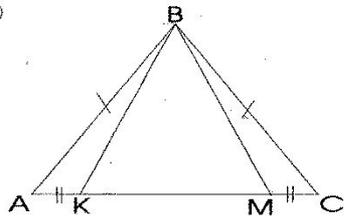
⑧



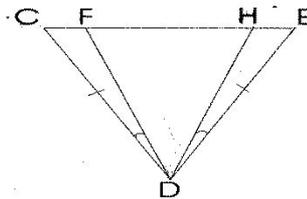
⑨



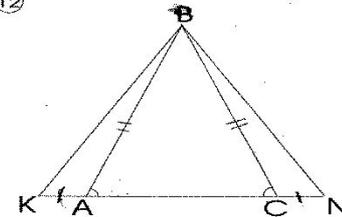
⑩



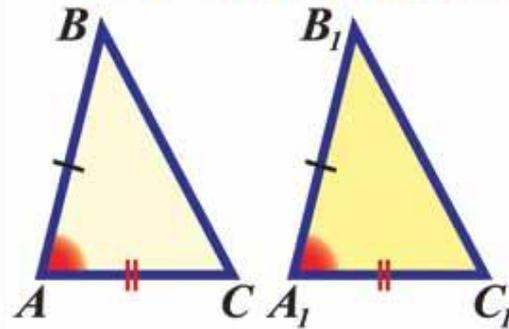
⑪



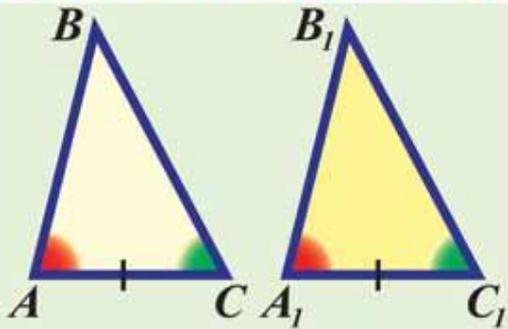
⑫



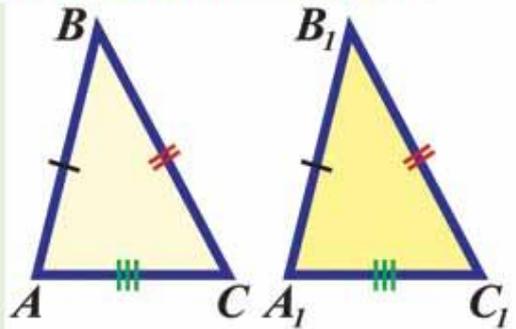
ПРИЗНАКИ РАВЕНСТВА ТРЕУГОЛЬНИКОВ



I
 ПРИЗНАК $AB = A_1B_1$
 $AC = A_1C_1$
 $\angle A = \angle A_1$

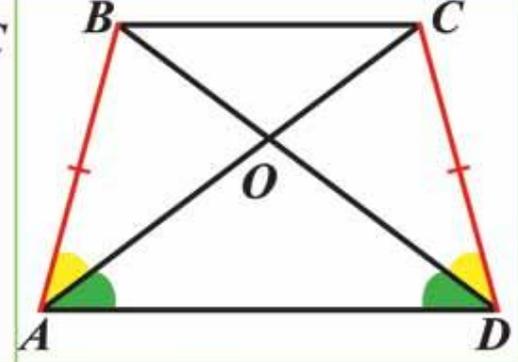
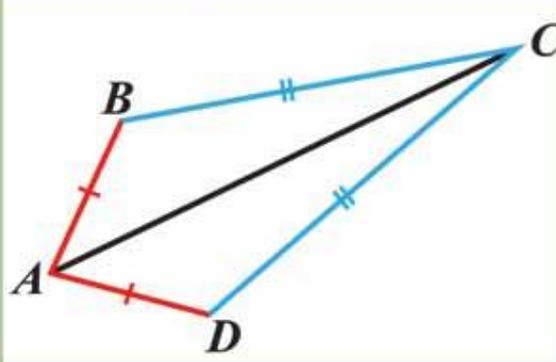
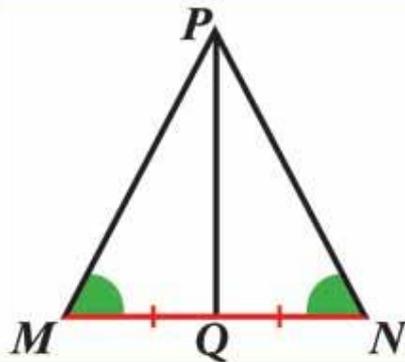


II
 ПРИЗНАК $AC = A_1C_1$
 $\angle A = \angle A_1$
 $\angle C = \angle C_1$



III
 ПРИЗНАК $AB = A_1B_1$
 $BC = B_1C_1$
 $AC = A_1C_1$

Найдите пары равных треугольников и докажите их равенство



Доказать, что $\triangle NDB$
равнобедренный

