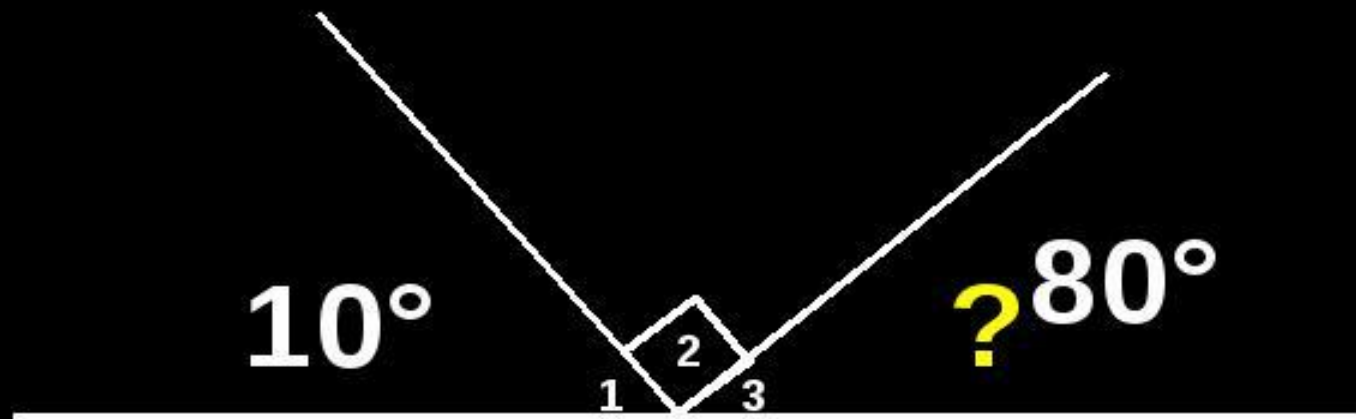
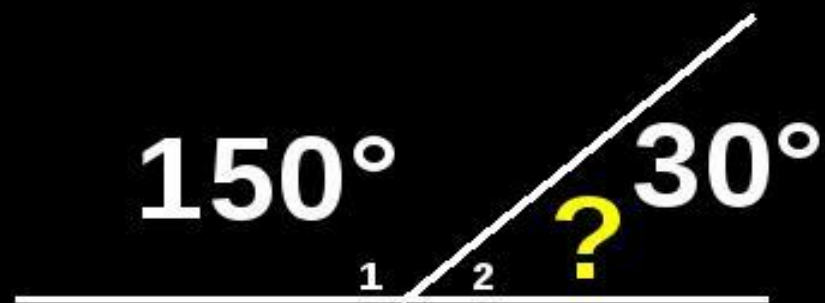
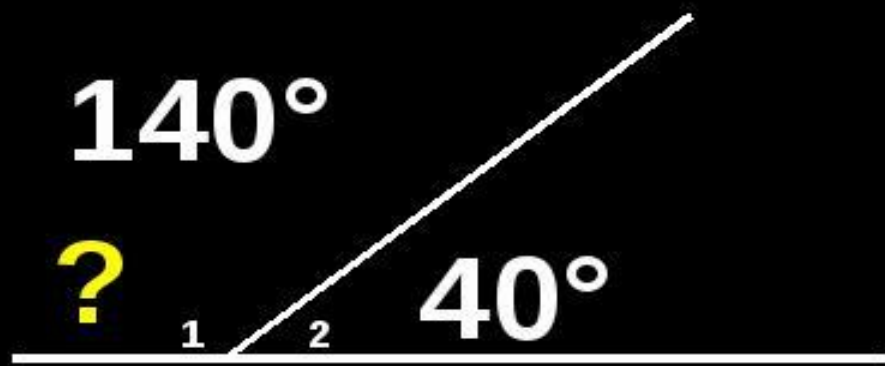


# Тема урока: Свойства углов треугольника

Геометрия 7 класс

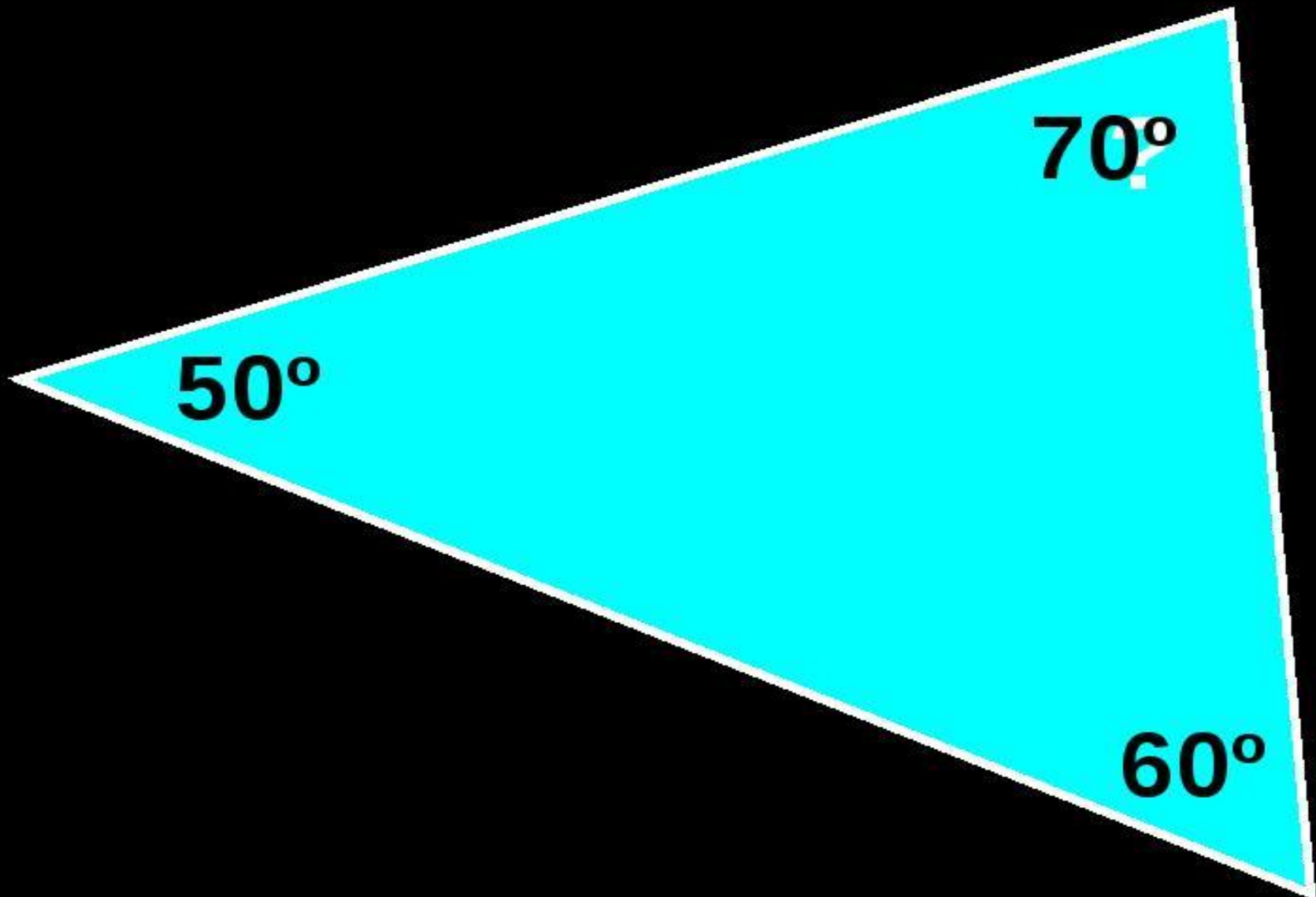
A decorative graphic element consisting of several horizontal lines of varying lengths and colors (teal, light blue, white) extending from the right side of the slide towards the center.

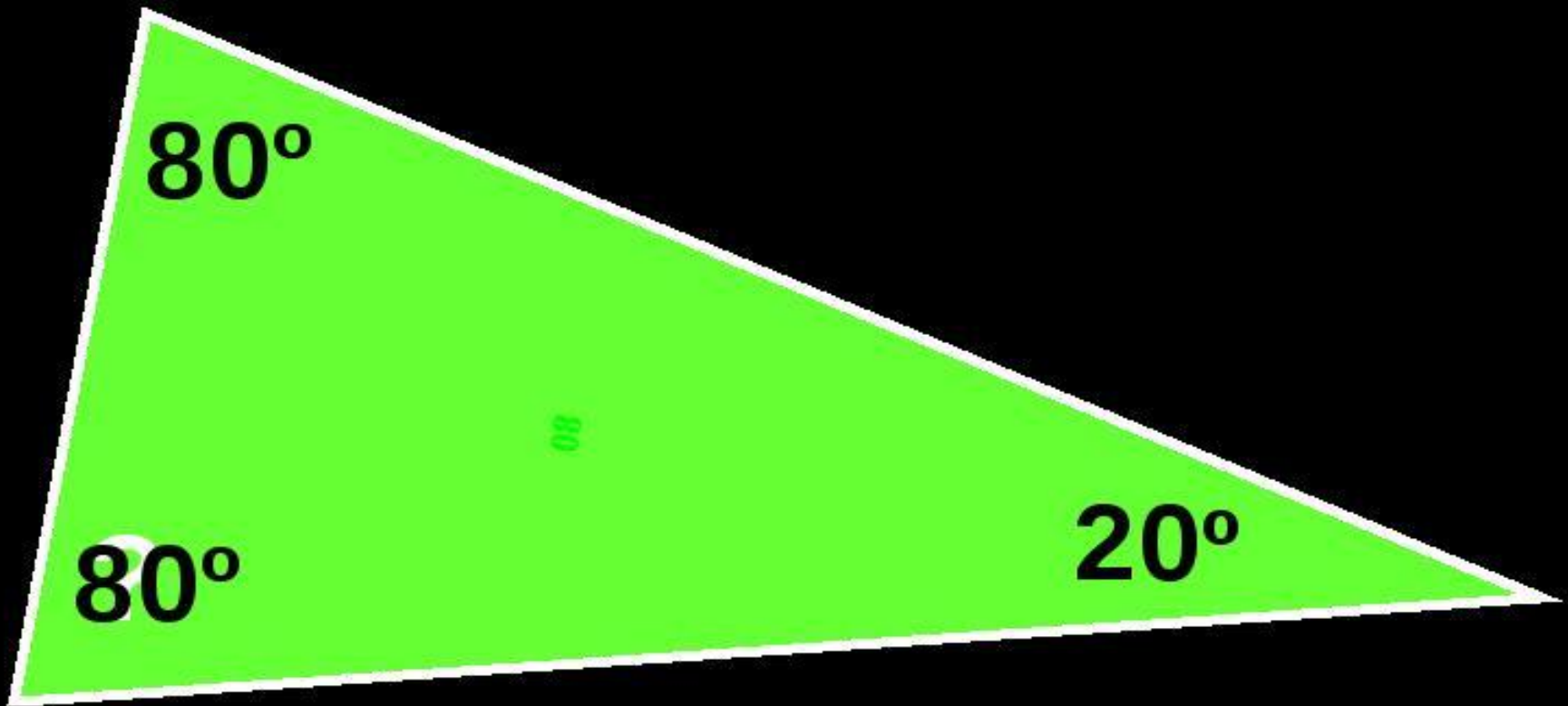
# Прочитайте чертёж





**Сумма углов  
треугольника  
равна  $180^\circ$**





Существует ли треугольник **ABC** ?

$$\sphericalangle A = 5^\circ$$

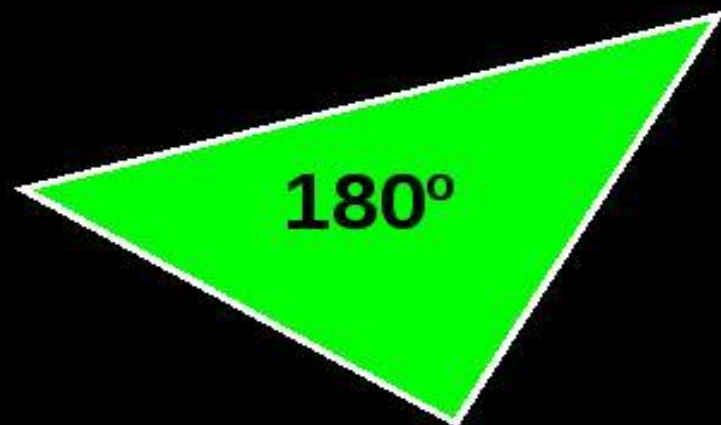
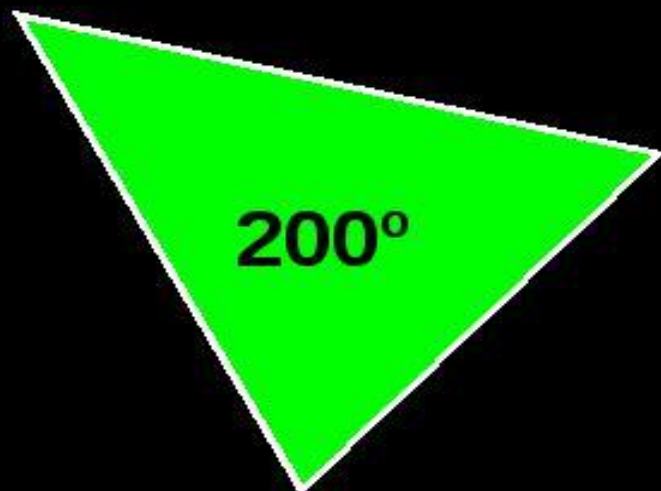
$$\sphericalangle B = 105^\circ$$

$$\sphericalangle C = 90^\circ$$

$$\sphericalangle A = 25^\circ$$

$$\sphericalangle B = 25^\circ$$

$$\sphericalangle C = 130^\circ$$



Найди неизвестный угол треугольника

1)  $20^\circ, 70^\circ, ?$

2)  $60^\circ, ?, 60^\circ$

3)  $100^\circ, ?, 5^\circ$

4)  $45^\circ, ?, 90^\circ$

5)  $119^\circ, 50^\circ, ?$

1 ВАРИАНТ

1)  $50^\circ, 40^\circ, ?$

2)  $100^\circ, ?, 20^\circ$

3)  $5^\circ, ?, 100^\circ$

4)  $80^\circ, 55^\circ, ?$

5)  $59^\circ, ?, 110^\circ$

2 ВАРИАНТ

## Проверим

1)  $90^\circ$

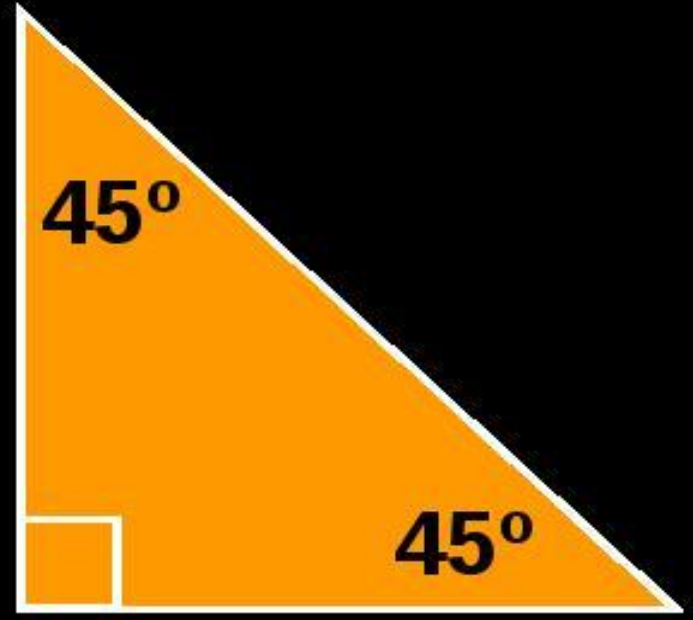
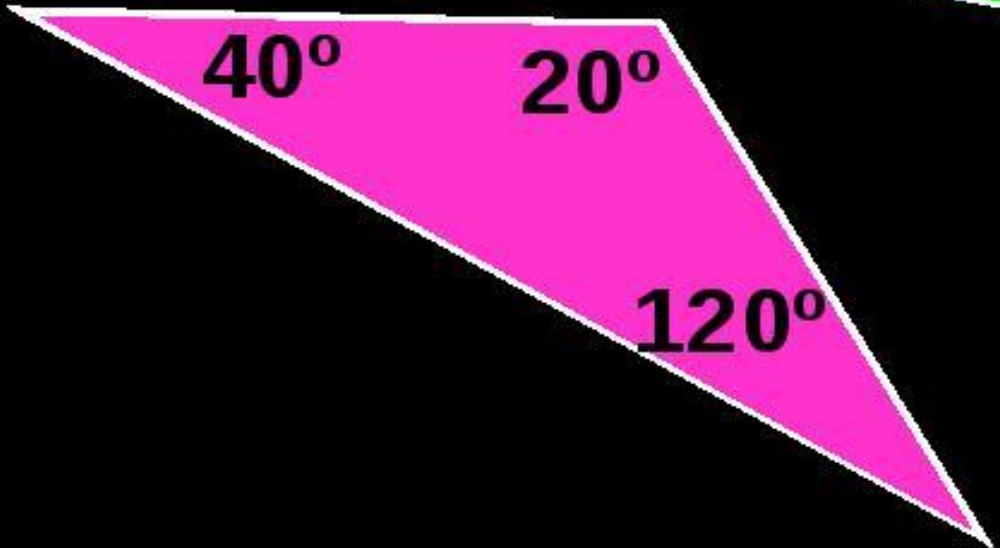
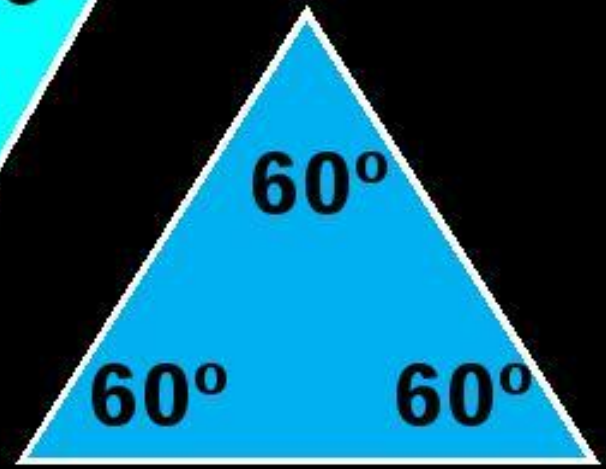
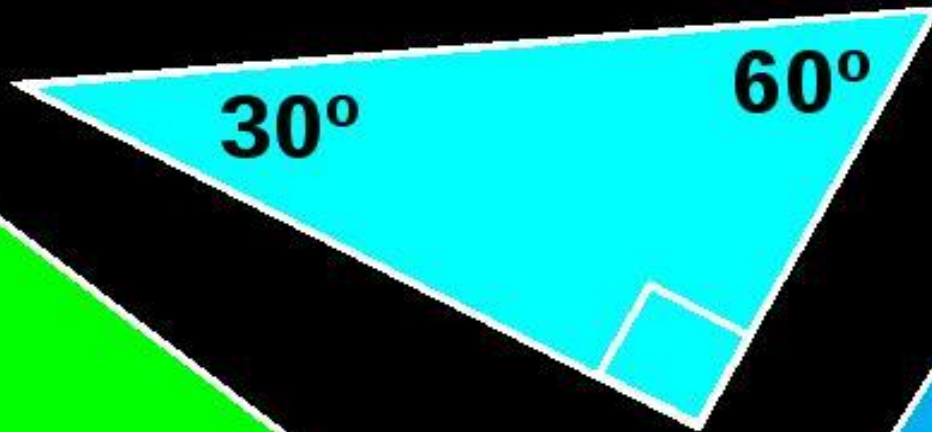
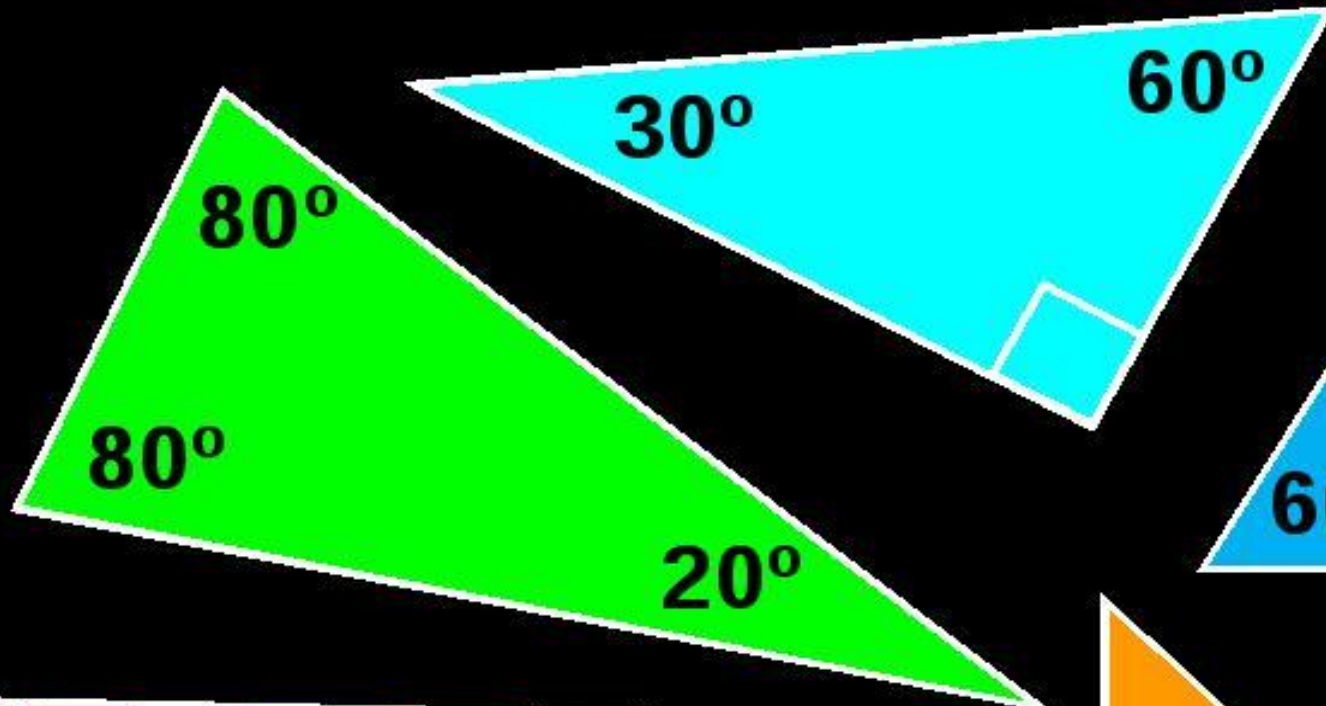
2)  $60^\circ$

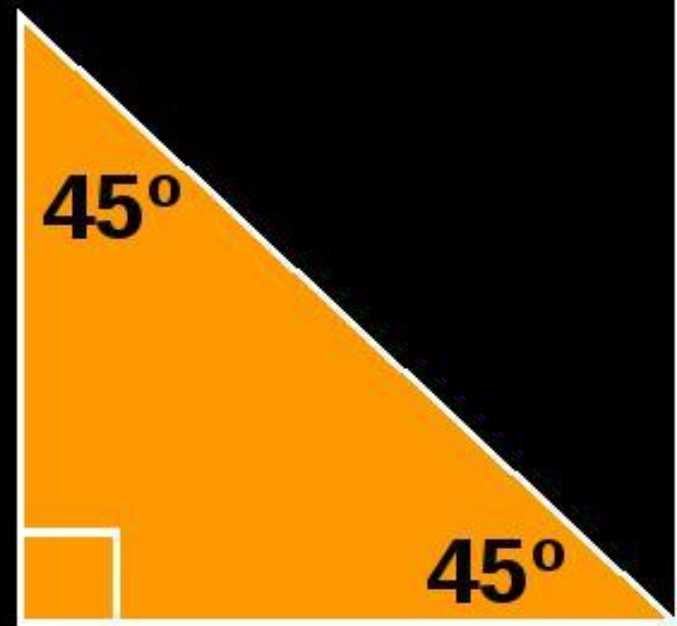
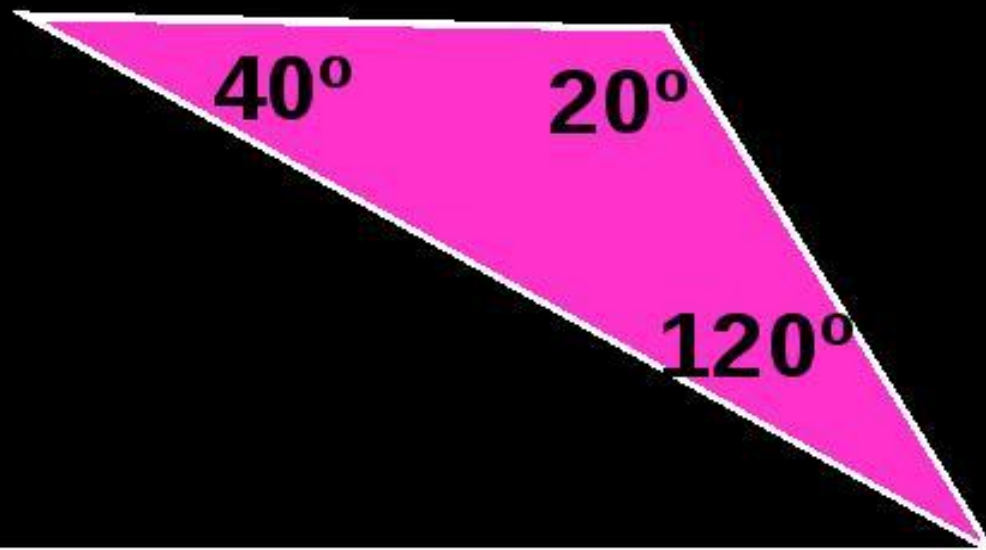
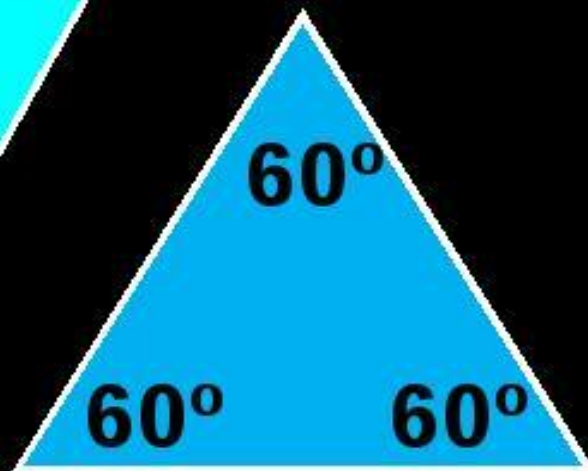
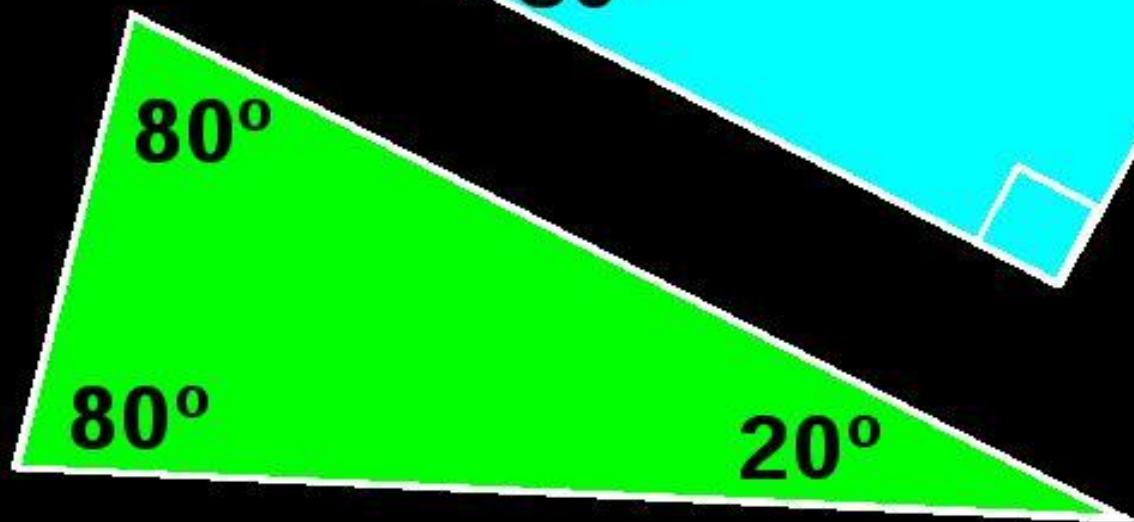
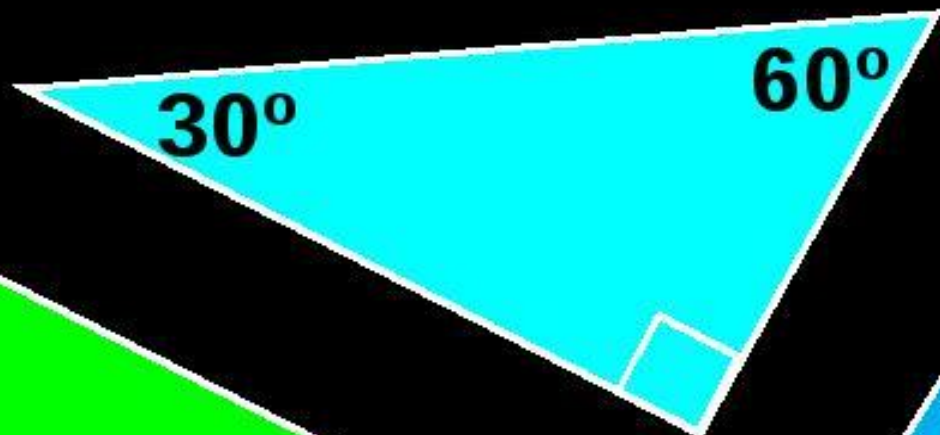
3)  $75^\circ$

4)  $45^\circ$

5)  $11^\circ$









**Сумма углов  
любого  
треугольника  
равна  $180^\circ$**

Урок окончен

Спасибо за внимание!