Signs of equality of triangles.

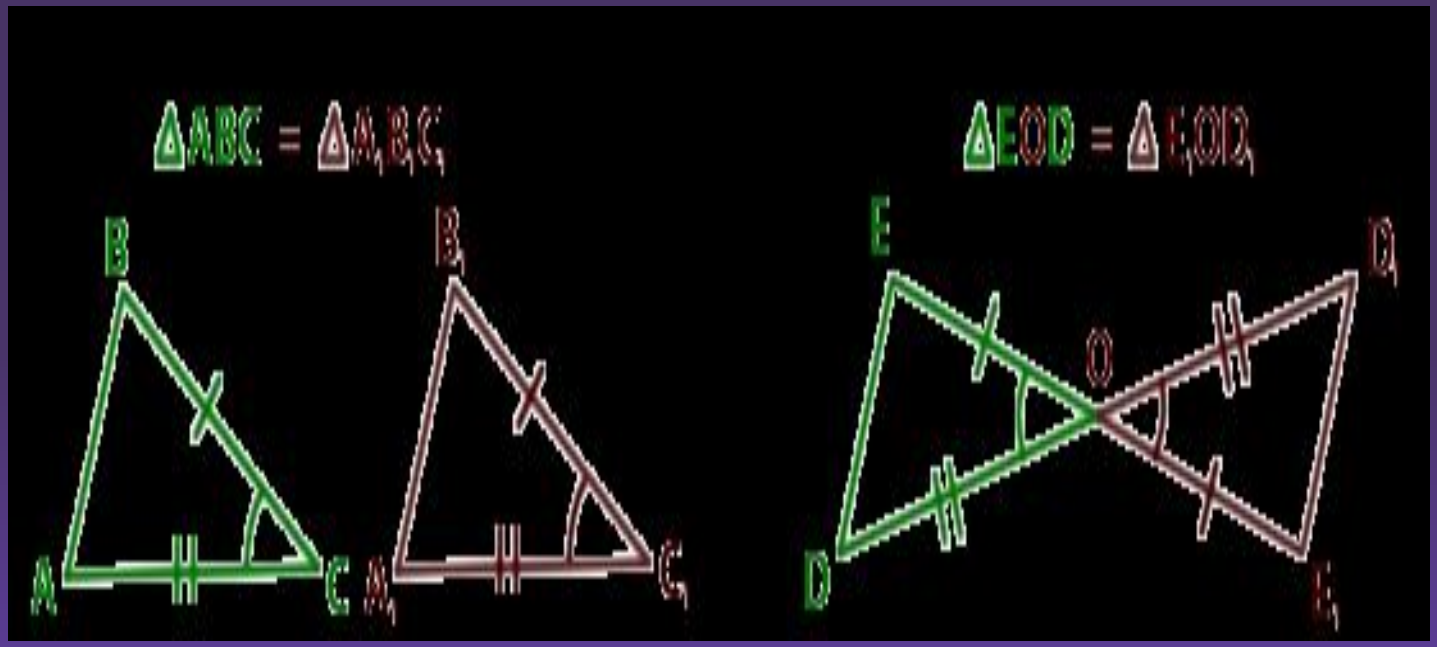
The goals lessons:

- ✔ Develop skills to apply the features of equality of triangles to solve problems, recognize the equal triangles to prove their equality, to conclude equality of some of their elements;
- ✔ Creative development abilities of pupils, cognitive activity, interest in the subject.

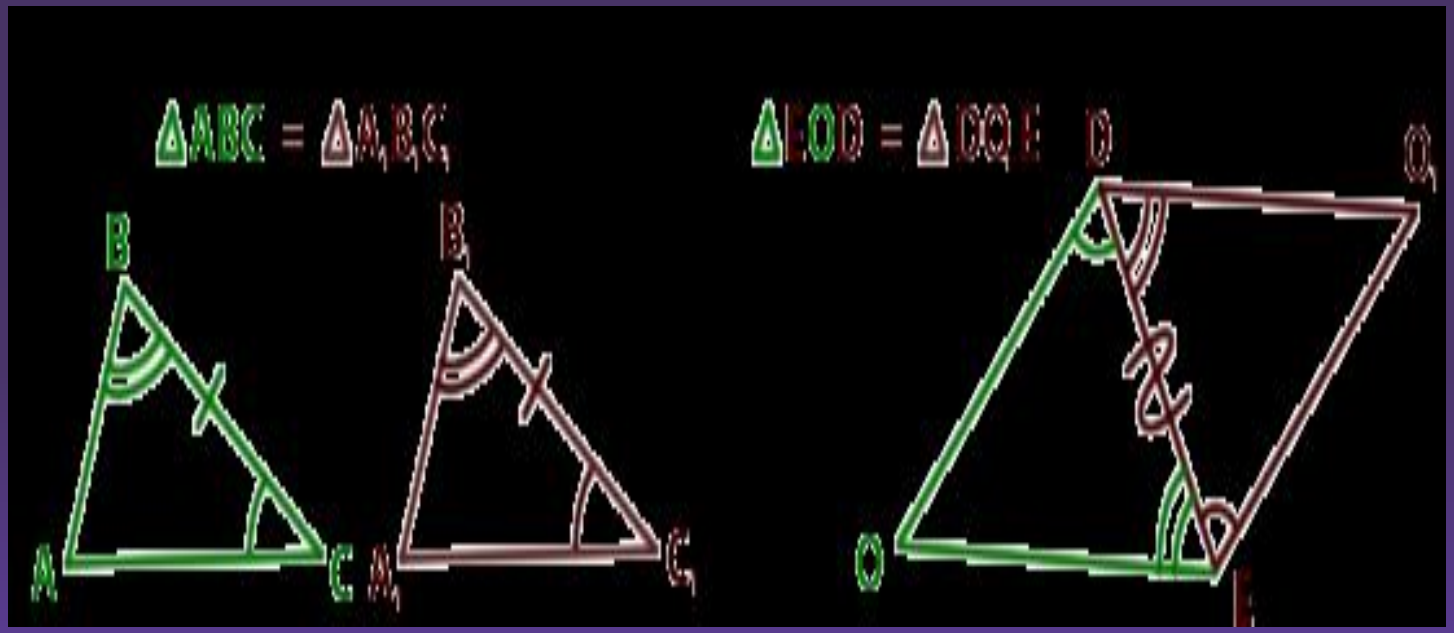
Lesson Plan:

1. Organization of the beginning of the lesson (2-3 min.).
2. Explanation of the new material (10 min.).
3. Fizkultminutka
4. Test your attentiveness.(15 min.).
5. Playing with matches.(10min)
6. Setting the home (3-4 min.).

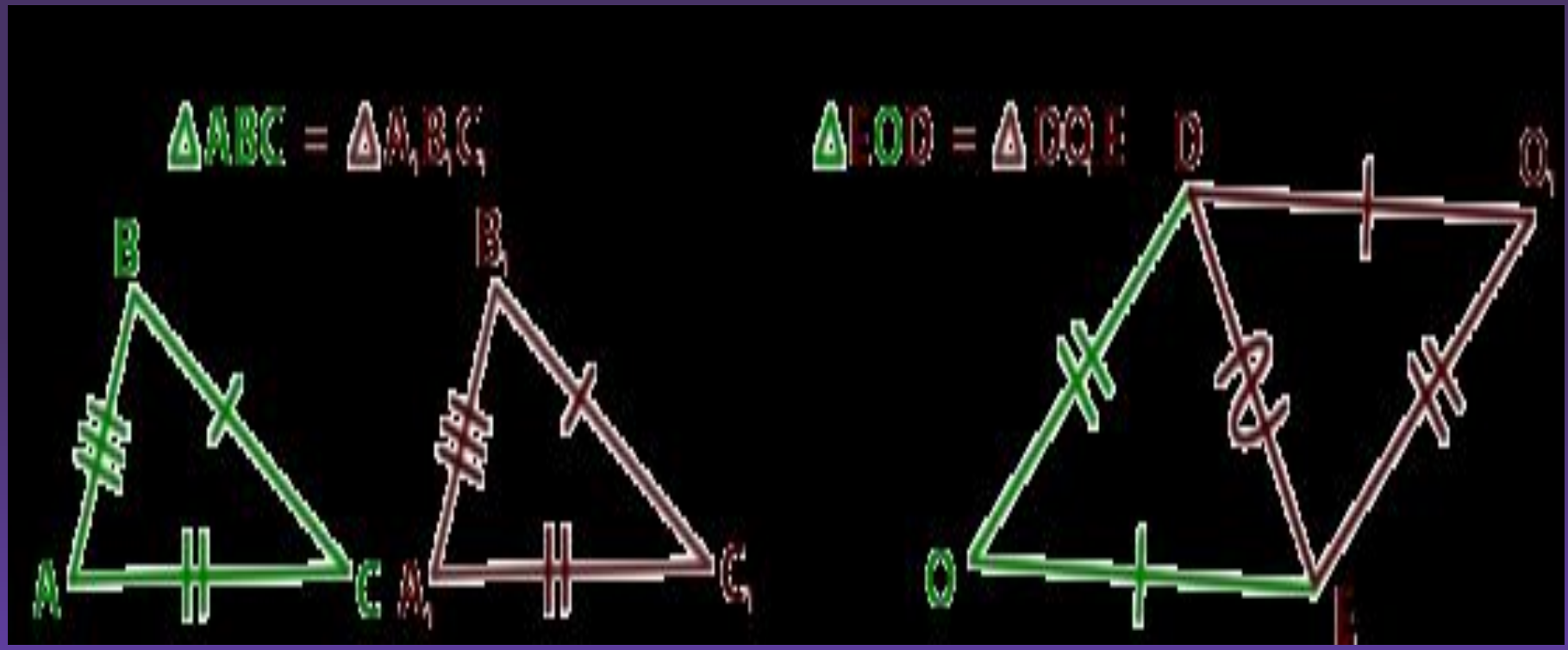
The first sign of equality of triangles: triangles are equal if they have two equal sides and an angle there between.



The second sign of equality of triangles: triangles are equal if they are equal to two angles and the side between them.



The third sign of equality of triangles: triangles are equal if they are equal to the three parties.

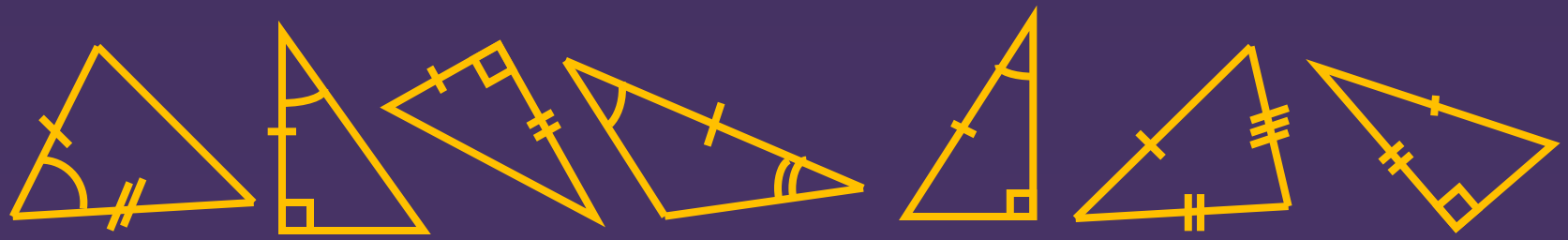


4. Fizkultminutka

- 4.1 Inhale breath, stretched.
- 4.2 Hands - up, worked her fingers - to make different triangles.
- 4.3 With his left hand in the air to draw a triangle, then - right, and - two.
- 4.4 In tandem with the neighbor (I have two hands - the two sides, a neighbor helps make a triangle).
- 4.5 Draw a triangle on the floor of each leg.
- 4.6 shook off fatigue with hands, feet. Sit down.

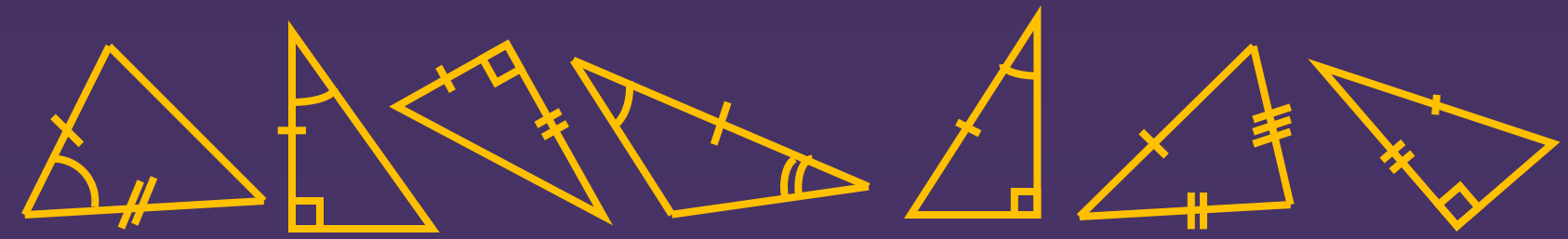
Test your attentiveness.

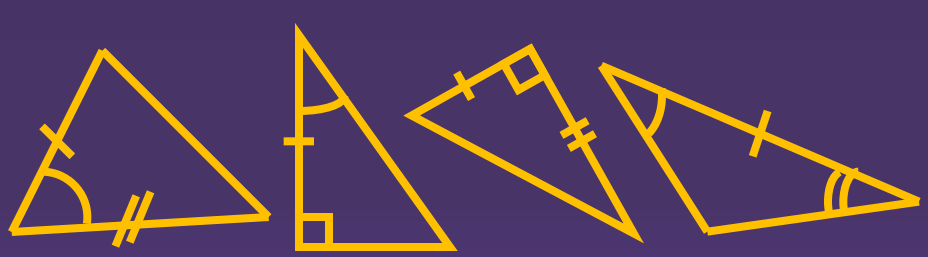
Pick triangles equal data. Place them in the same order.

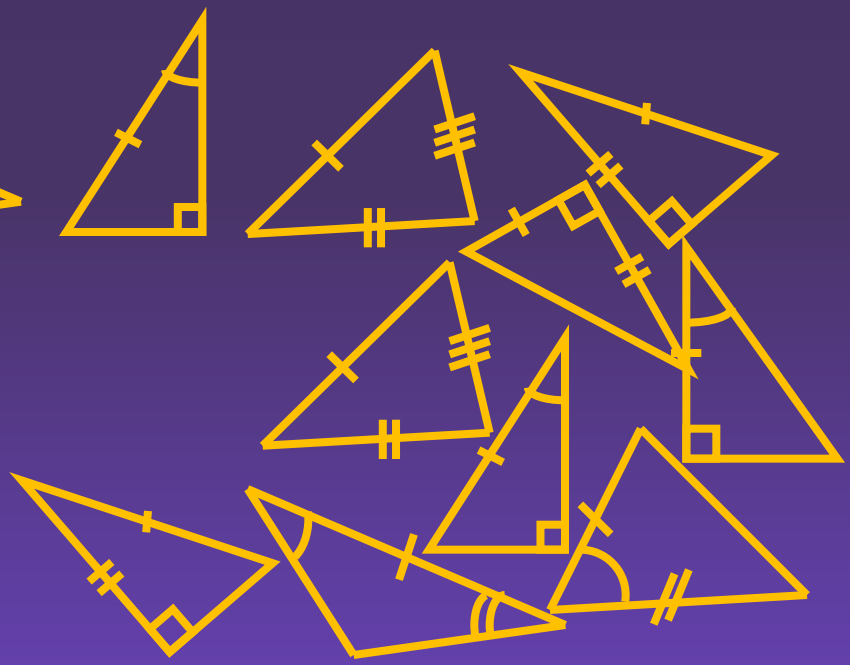


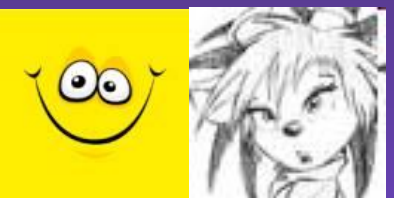
Test your attentiveness.

Pick triangles equal data. Place them in the same order.





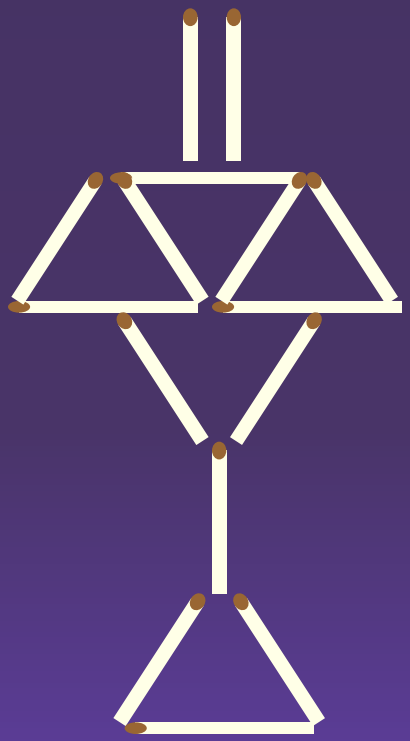


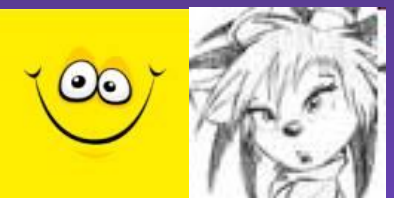


5. Playing with matches.

1. Of the five matches be 2 equilateral triangles.
2. Of the six matches to make four equilateral triangles.

1. Put three matches so as to obtain five equal triangles(For example)





I. HOMEWORK

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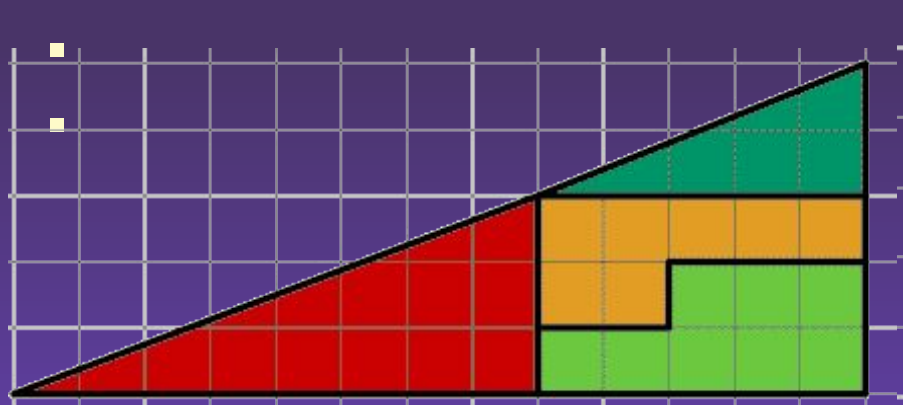
Exercise №5,7,14

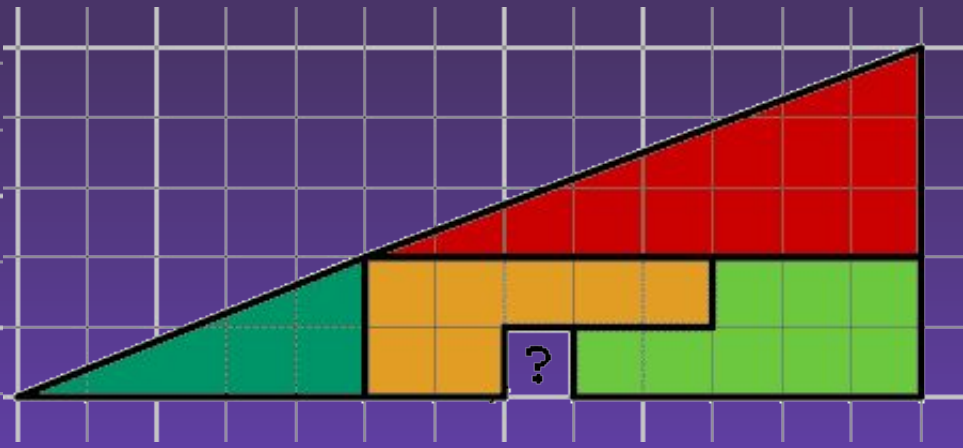
2. HOMEWORK

AN UNUSUAL TRIANGLE

- Triangle divided into 4 parts, and then make a triangle are equal to the first, but with an empty square. What's the secret? To square disappeared?

(Треугольник разделили на 4 части, а потом из них составили треугольник, равный первому, но с пустым квадратом. В чем секрет? Куда исчез квадрат?)





Good bye