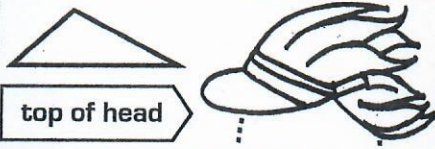
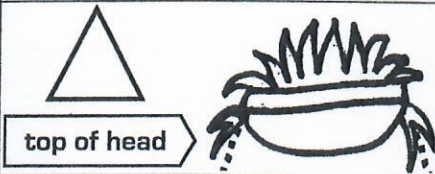


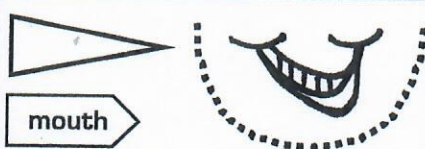
Egg-

Lesson # 5: Solve and Draw – Classification of Triangles

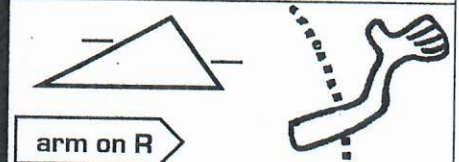
1. Triangles can be classified by the lengths of their sides. **Scalene triangles** have no sides of equal length. Find the **scalene triangle**.



2. An **isosceles triangle** has only two sides of equal length. Find the isosceles triangle.



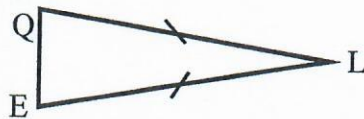
3. **Hash marks** are little lines on the sides of some polygons indicating that those sides are **congruent**. Which triangle has **congruent sides**?



4. An **equilateral triangle** has three sides of equal length. Find the **equilateral triangle**.



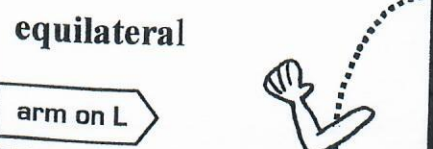
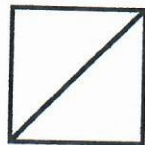
5. Which sides are congruent?



6. Identify this type of triangle.



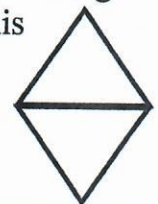
7. What kinds of triangles are formed by the diagonal bisecting this square?













8. What kinds of triangles are formed by the diagonal drawn across this parallelogram?



9. What kinds of triangles are formed when this rhombus is bisected?



Lesson 5

<p>10. Triangles can be classified by their angles. An acute triangle has all acute angles. Find the acute triangle.</p>	<p>11. An equiangular triangle has all acute and congruent angles. Find the equiangular triangle.</p>	<p>12. An obtuse triangle has one obtuse angle. Find the obtuse triangle.</p>
		
<p>visor Color: gray</p>	<p>hair Color: yellow and red</p>	<p>vehicle Color: blue</p>
		
<p>visor Color: green</p>	<p>hair Color: blue and black</p>	<p>vehicle Color: pink</p>
<p>13. A right triangle has one right angle. Find the right triangle. (Not the wrong one.)</p>	<p>14. Which two classifications describe this triangle?</p>	<p>15. The angles of a triangle are 110°, 40°, and 30°. What kind of a triangle is it?</p>
		<p>obtuse triangle</p>
<p>eyes Color: red</p>	<p>right triangle scalene triangle</p> <p>nose Color: purple</p>	<p>mouth Color: green</p>
	<p>isosceles triangle acute triangle</p> <p>nose Color: blue</p>	<p>acute triangle</p> <p>mouth Color: yellow</p>
<p>eyes Color: blue</p>	<p>16. Which two classifications describe this triangle?</p>	<p>17. The angles of a triangle are 80°, 80°, and 20°. What kind of triangle is it?</p>
	<p>isosceles triangle acute triangle</p> <p>limbs Color: red</p>	<p>acute triangle</p> <p>path Color: brown</p>
<p>limbs Color: red</p>	<p>18. The angles of a triangle are all 60° and all the legs are 7 cm. How can this triangle be classified?</p>	<p>obtuse and isosceles</p> <p>shell Color: purple</p>
<p>scalene triangle equiangular triangle</p> <p>limbs Color: yellow</p>	<p>obtuse triangle</p> <p>path Color: pink</p>	<p>equilateral and equiangular</p> <p>shell Color: orange</p>