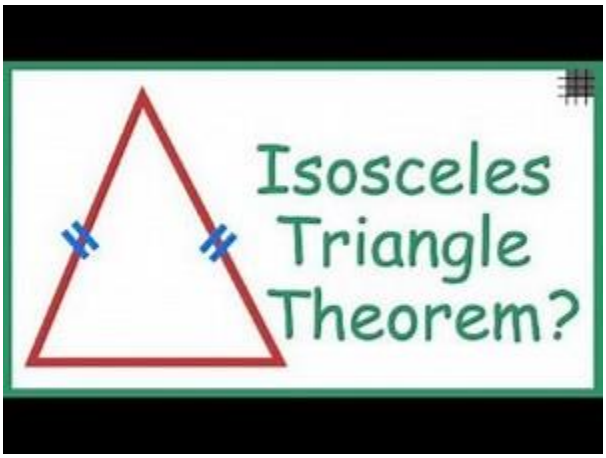
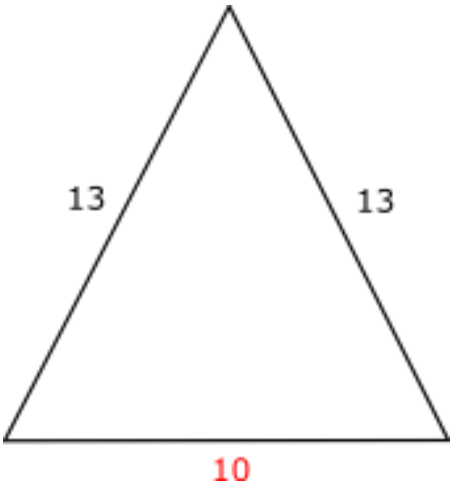
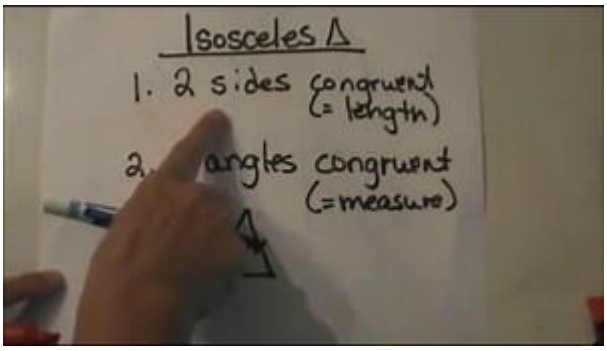
Isosceles Triangle – Theorem



An Isosceles Triangle is a triangle that has two sides that are equal in length with one remaining line that isn't equal length to the other two lines. Also, proving the base is not equal isn't all that difficult. If two sides of a **triangle** are congruent, then the angles opposite those sides are congruent. The converse of the base angles **theorem**, states that if two angles of a triangle are congruent, then sides opposite those angles are congruent.



(There are two lines here that are of equal length and the base line isn't equal, therefore making it an isosceles triangle based on the definition.)



Isosceles Triangles are used in many real life examples in today's society. Example include pizza slices, designs for a flag, or anything else that is utilized throughout the world. It's important to use these triangles if you want two sides to be equal and have maybe the base a bit longer/shorter.