

Classwork 2, September 27, 2020

Operations with powers: $a^n = a \cdot a \cdots a$ (n times)

$$(a \cdot b)^n = a^n \cdot b^n$$

$$a^m \cdot a^n = a^{m+n};$$

$$a^m \div a^n = \frac{a^m}{a^n} = a^{m-n}$$

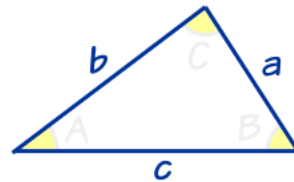
$$a^0 = 1$$

$$a^{-n} = \frac{1}{a^n}$$

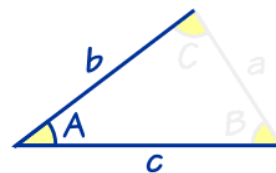
$$(a^n)^m = a^{n \cdot m}$$

Congruent Triangles Rules : (\cong Congruent symbol)

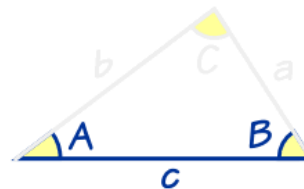
1. 3 Sides are equal (SSS)



2. Side Angle Side are equal (SAS)



3. Angle Side Angle are equal (ASA)



4. ~~Angle Angle Side are equal (AAS)~~

