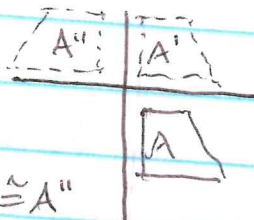


Congruent Figures -

geometric figures for which one can be mapped exactly on top of the other through a sequence of rigid transformations.



$$A \cong A''$$

$(0, 4)$, then reflect across y-axis

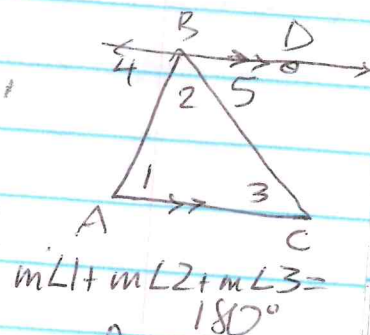
composition of transformations

two or more transformations; sometimes means can be written with one rule

$$A \rightarrow A' \rightarrow A'' \text{ etc.}$$

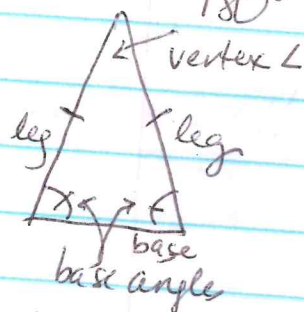
Triangle Unit (Chap 4)

C-17 Triangle Sum Theorem
p 205 The sum of the measures of the angles of every triangle is 180° .



C-18 Isosceles Triangle Conj.

p 210 If a triangle is isosceles, then its base angles are congruent.



C-19 Converse of Isos Δ Conj

p 211 If a triangle has two \cong angles, then it is isosceles.

Third Angle Theorem

#16 on p. 208 If two angles of one Δ are congruent to two angles of another triangle, then their 3rd angles are also congruent.

