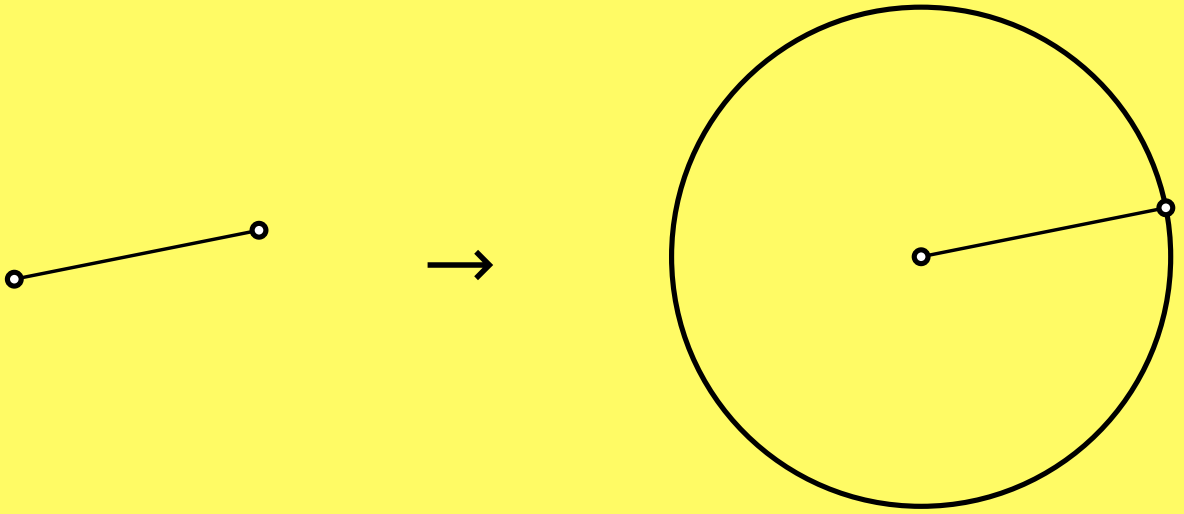
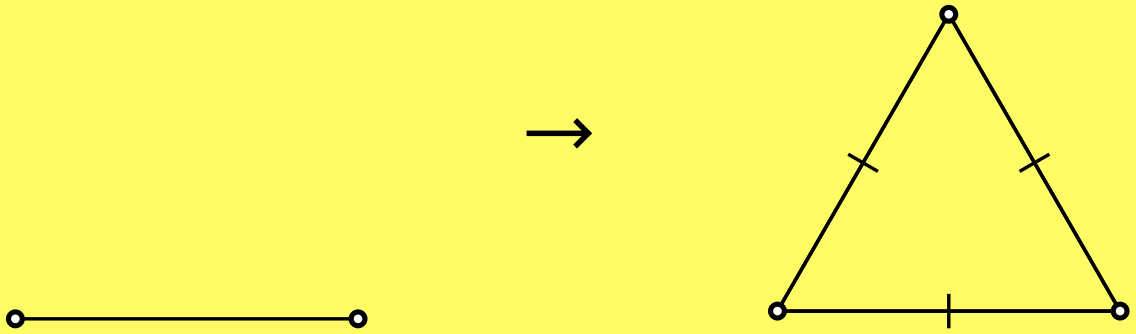
Postulate 1: draw line between points.

Postulate 2: extend line.

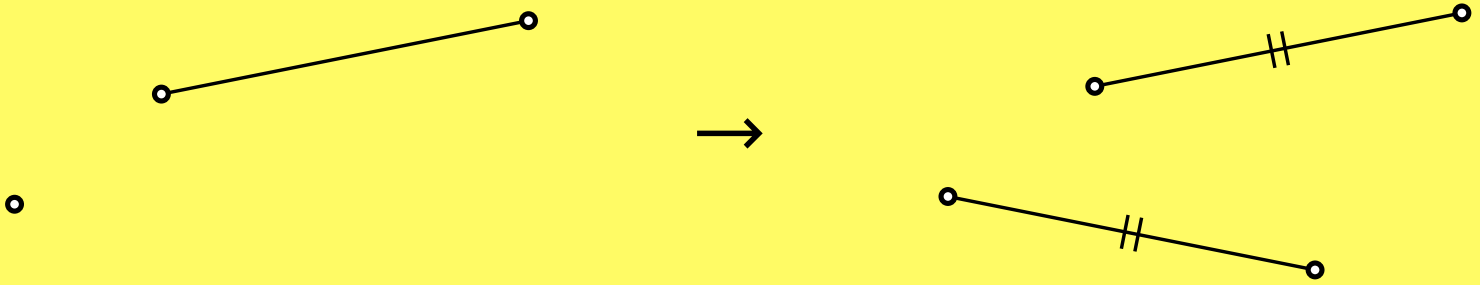
Postulate 3: draw circle.



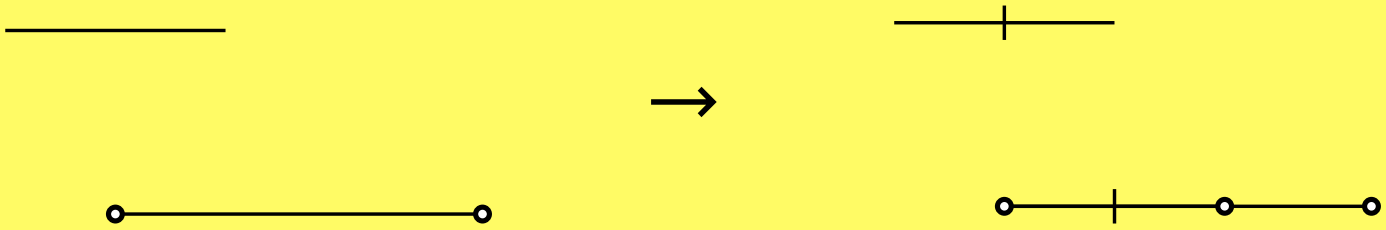
Proposition 1: draw equilateral $\triangle$.



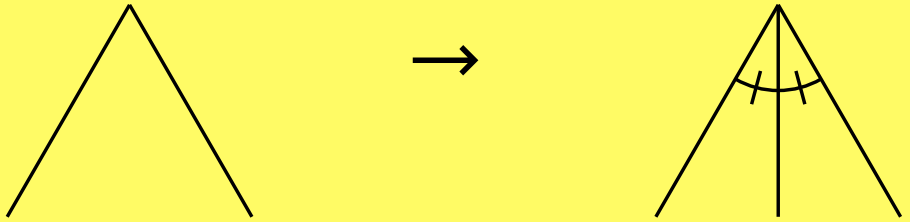
Proposition 2: move segment.



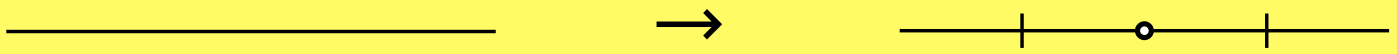
Proposition 3: cut off given length.



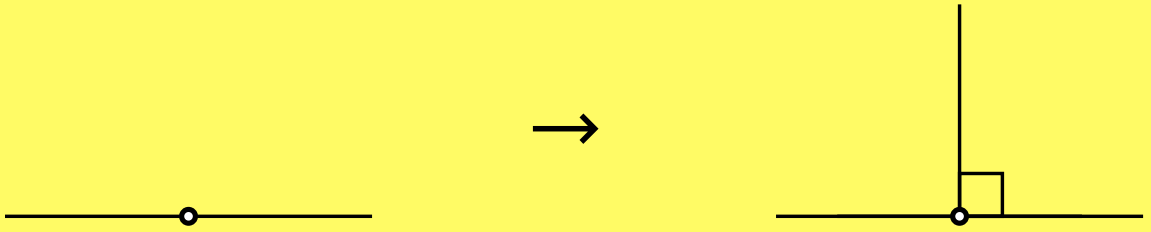
Proposition 9: bisect angle.



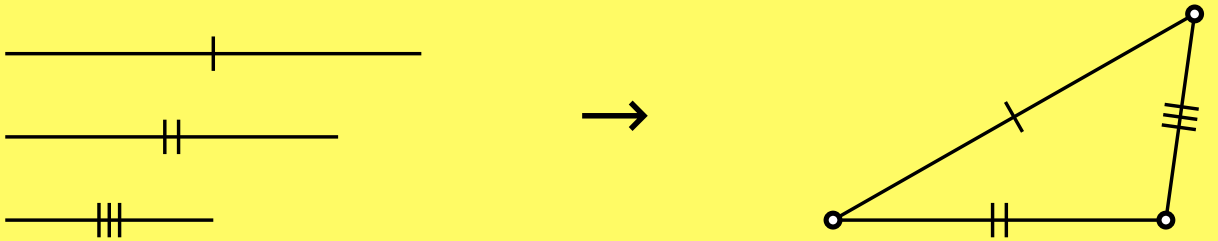
Proposition 10: bisect segment.



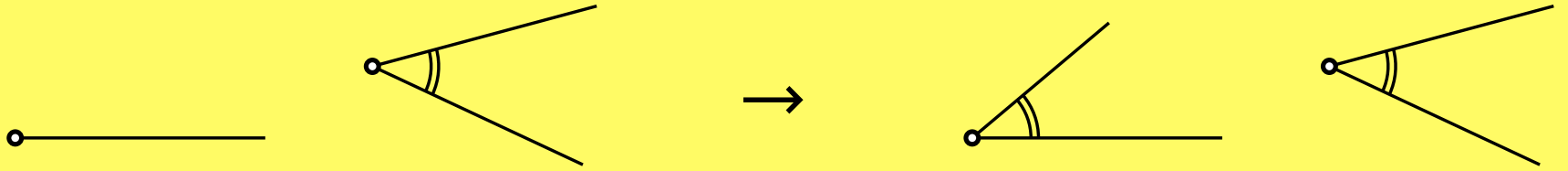
Proposition 11: draw perpendicular.



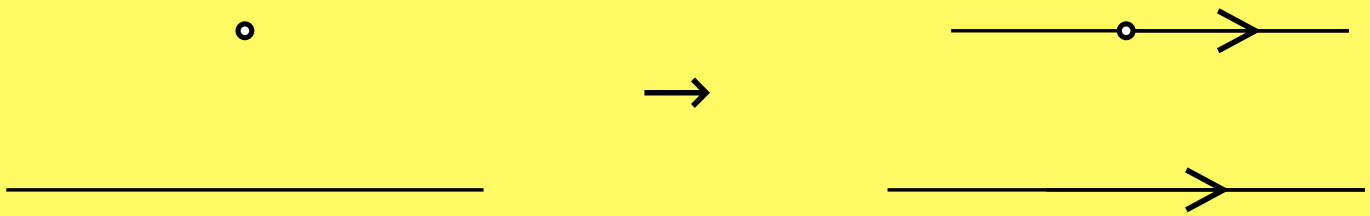
Proposition 22: draw $\triangle$ from three segments.



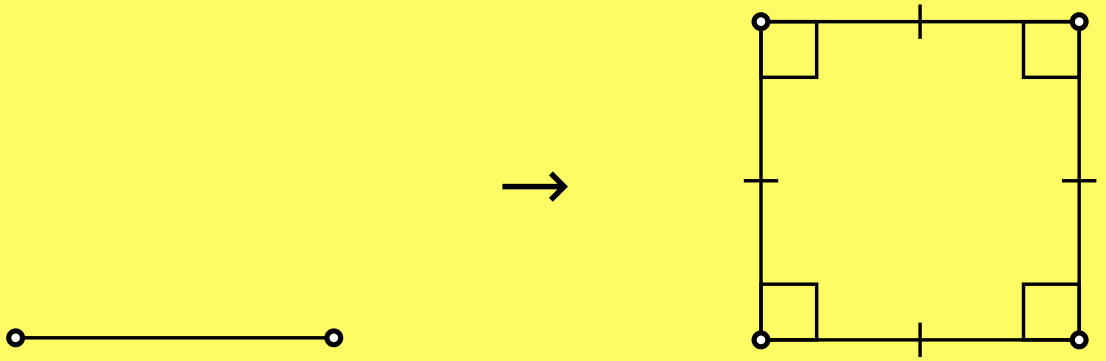
Proposition 23: move angle.



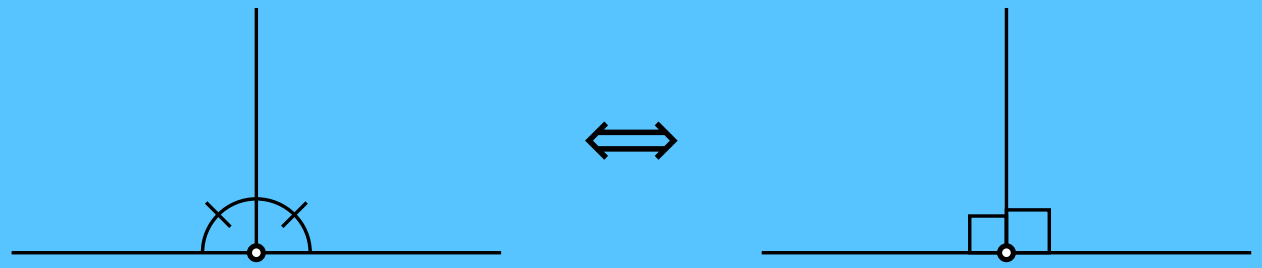
Proposition 31: draw parallel through point.



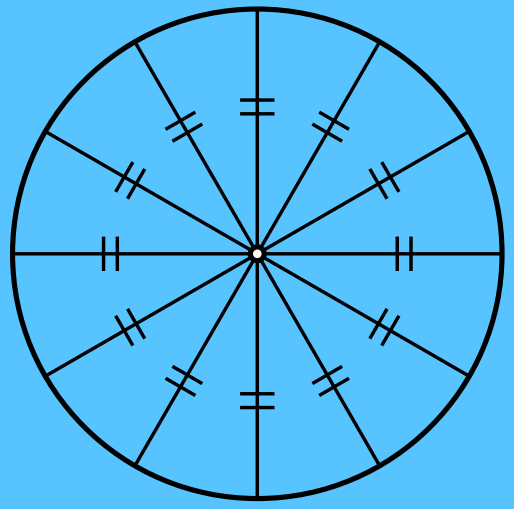
Proposition 46: draw a square.



Definition 10: right angle.



Definition 15: circle.



Common Notion 1: transitivity.

$$A = C$$

$$B = C$$

$$\Rightarrow \quad A = B$$

Common Notion 2: additivity.

$$A = C$$

$$B = D$$

$$\Longrightarrow \quad A + B = C + D$$

Common Notion 3: subtractivity.

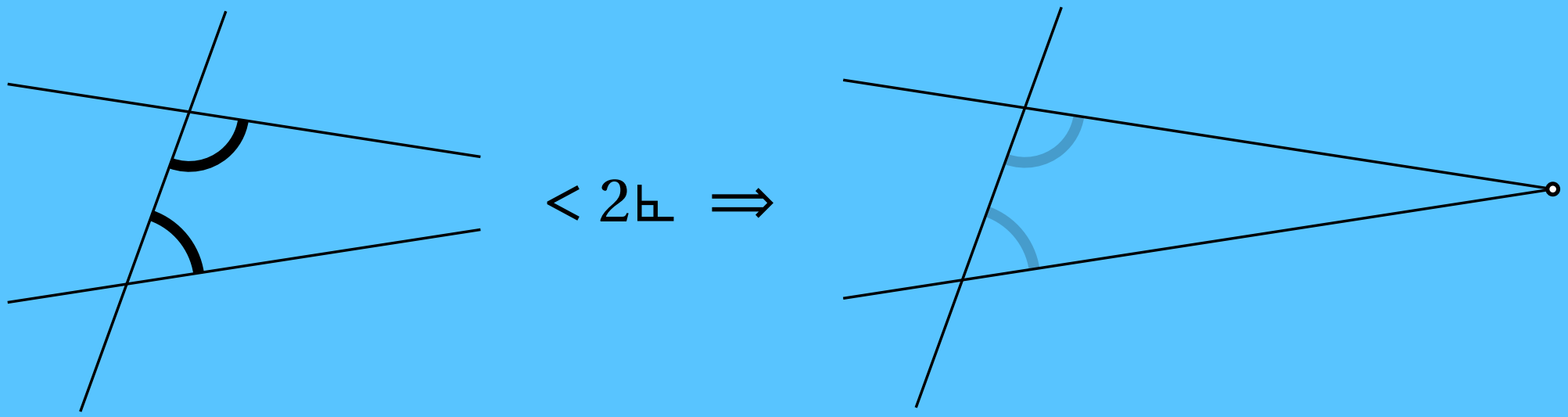
$$A = C$$

$$B = D$$

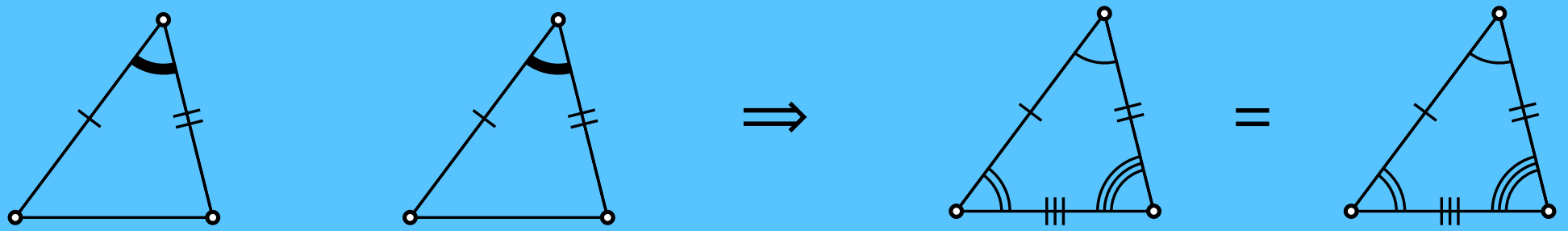
$$\Rightarrow \quad A - B = C - D$$

Postulate 4: identity of right angles.

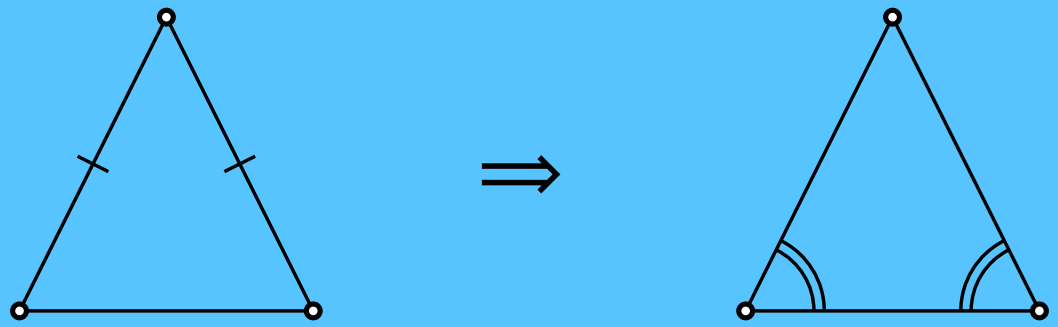
Postulate 5: condition for crossing.



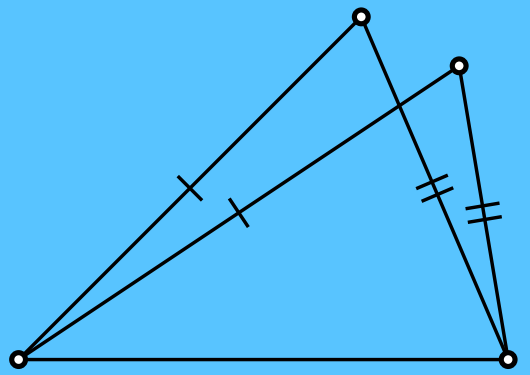
Proposition 4: SAS $\triangle$ congruence.



Proposition 5: isosceles $\triangle \Rightarrow$ base angles equal.

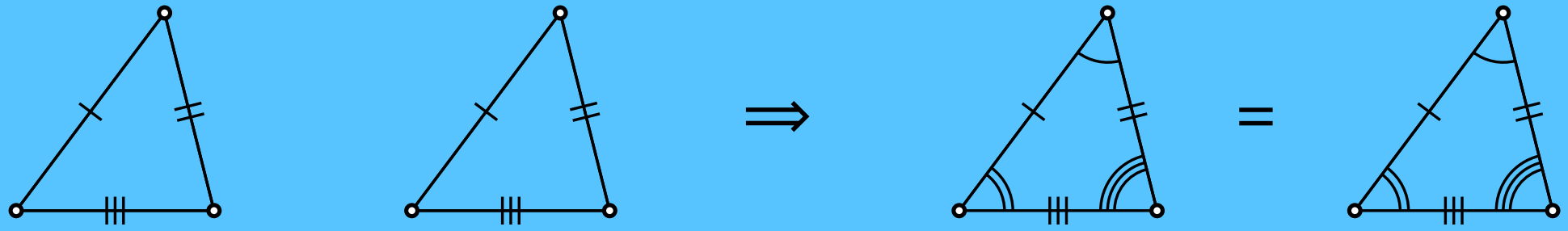


Proposition 7: SSS uniqueness.



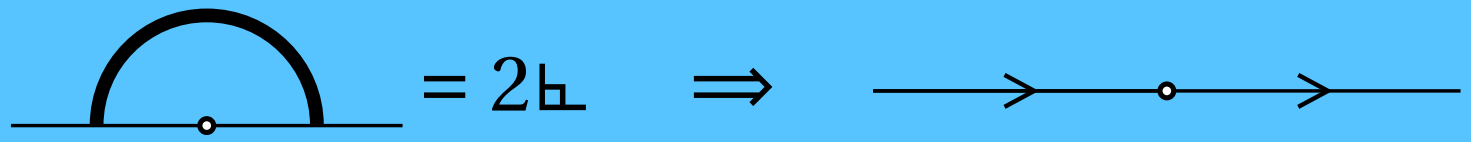
$\Rightarrow \quad \bot$

Proposition 8: SSS $\triangle$ congruence.

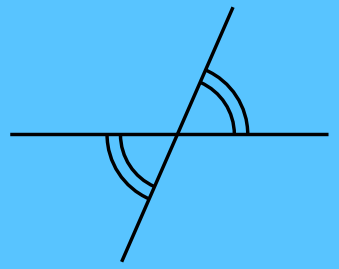


Proposition 13: angle on one side of straight line = 2∟.

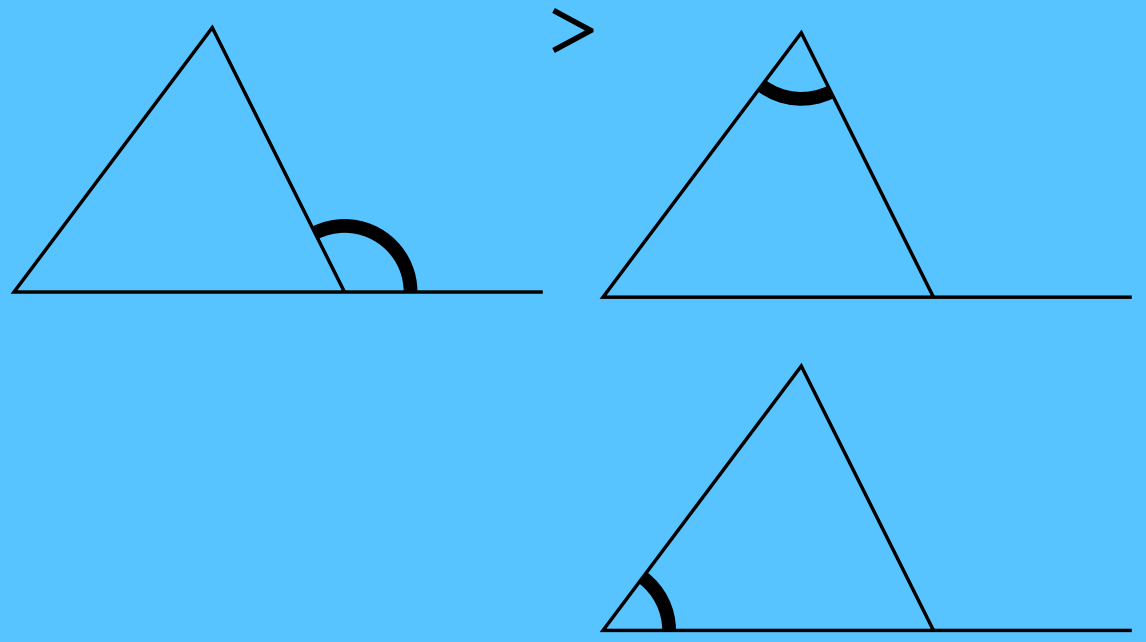
Proposition 14: angle on one side = 2∟ ⟹ straight line.



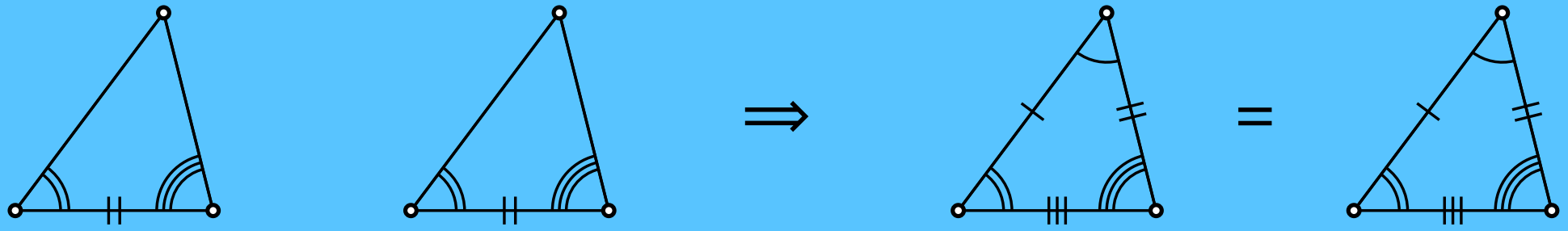
Proposition 15: vertical angles equal.



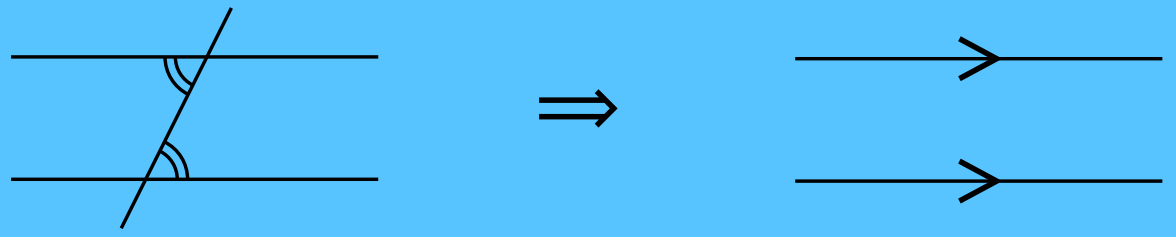
Proposition 16: $\triangle$ external angle > each opposite internal angle.



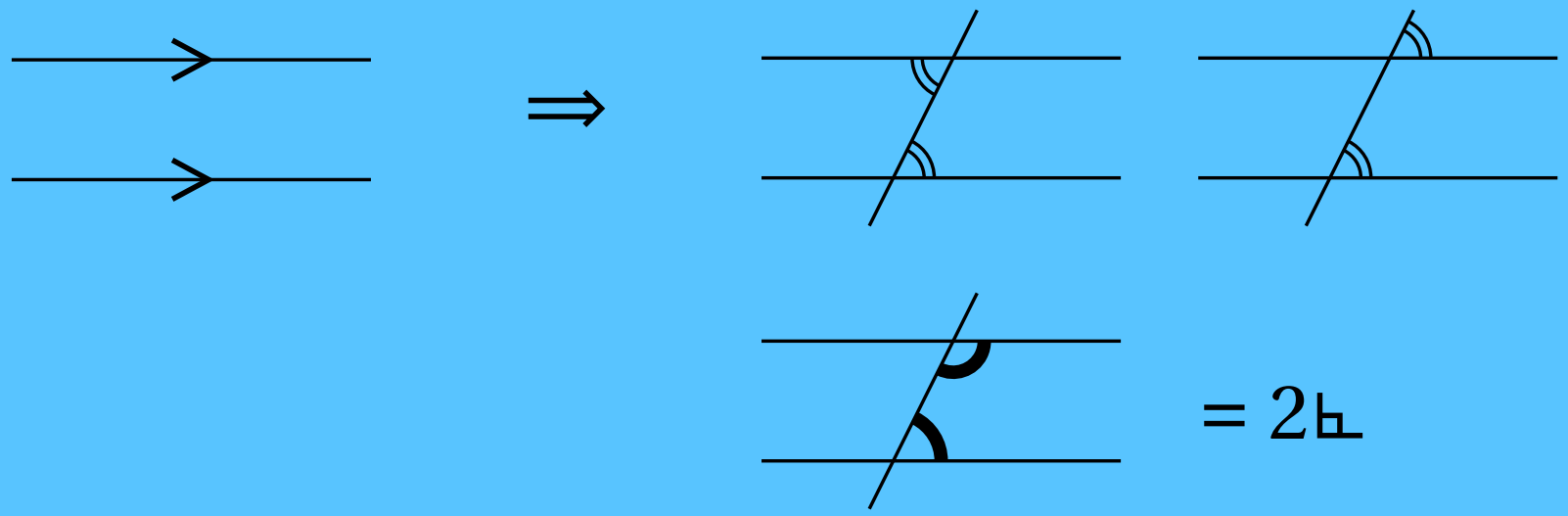
Proposition 26: ASA $\triangle$ congruence.



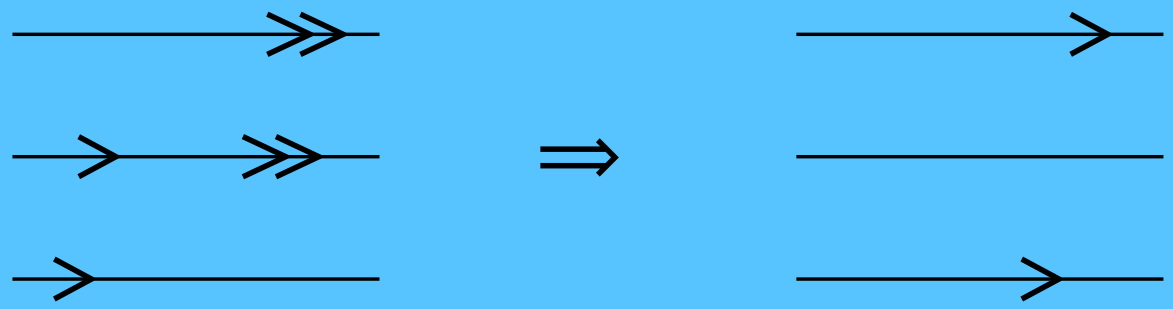
Proposition 27: alternate angles equal $\Rightarrow$ parallel.



Proposition 29: parallel $\Rightarrow$ alternate angles equal, . . . internal angles = 2$\llcorner$.



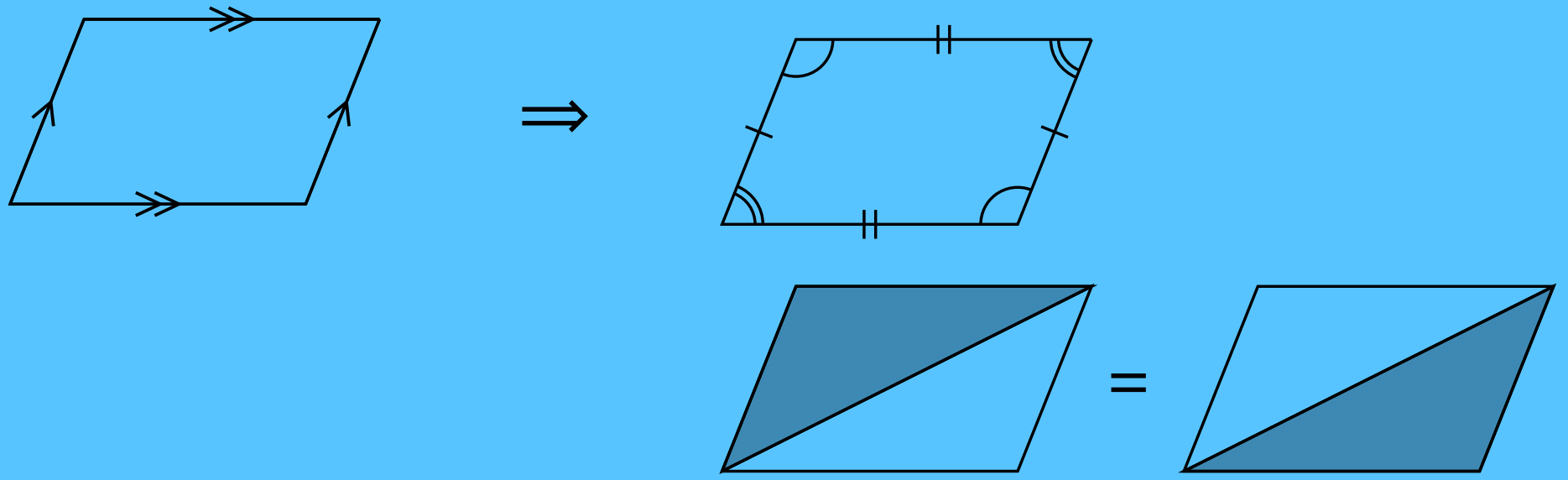
Proposition 30: parallel to same $\Rightarrow$ parallel to each other.



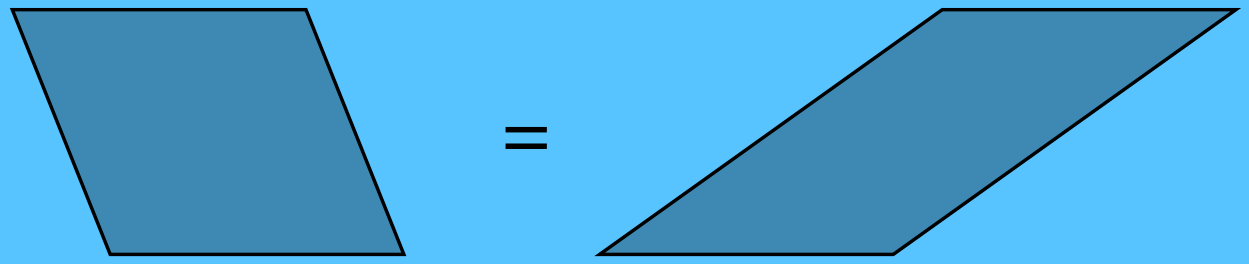
Proposition 32: $\triangle$ angle sum = $2\llcorner$.

= $2\llcorner$

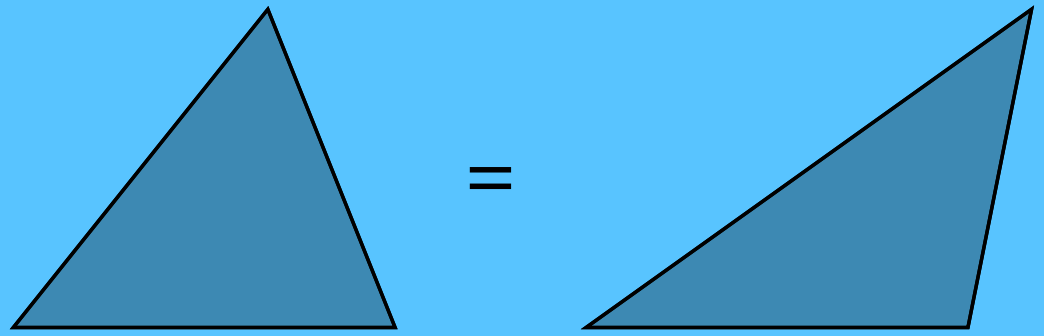
Proposition 34: $\parallel\!\!\square \Rightarrow$ opposite sides, angles equal; diagonal bisects.



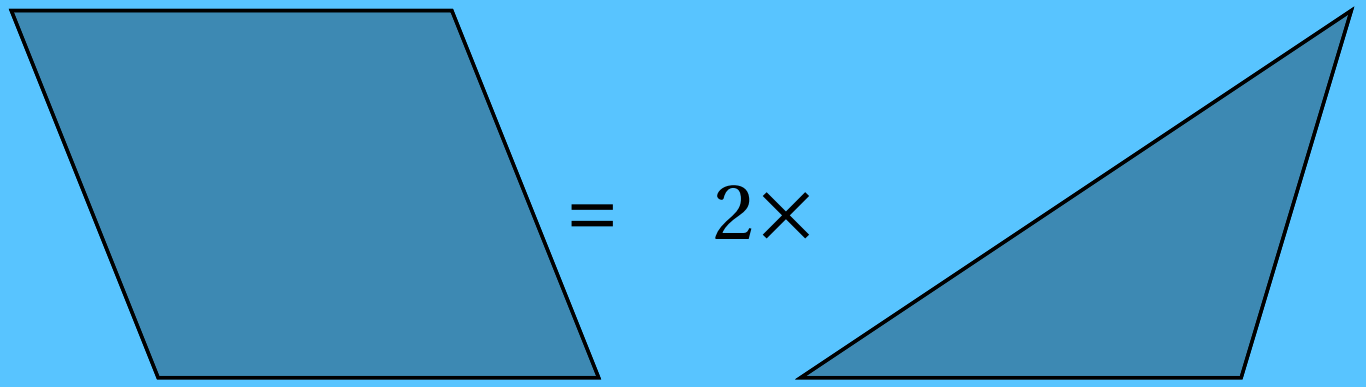
Proposition 35: $\square$ w same base, height $\Rightarrow$ equal area.



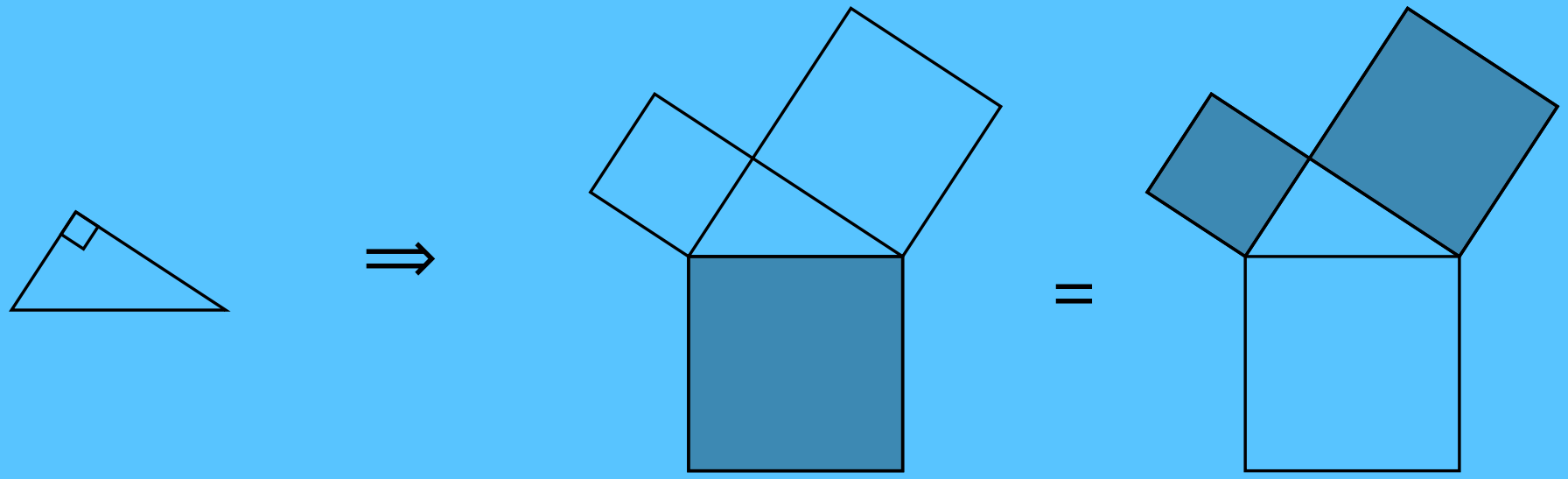
Proposition 37: $\triangle$ w same base, height $\Rightarrow$ equal area.



Proposition 41: ▱ area = 2× corresponding △ area.



Proposition 47: right-angle $\triangle \Longrightarrow a^2 + b^2 = c^2$.



Proposition 48: $a^2 + b^2 = c^2 \Longrightarrow$ right-angle $\triangle$.