

Def. of similar polygons

2 polygons are similar iff their corresponding $\angle$'s are $\cong$ and the measures of their corresponding sides are in proportion.

The symbol for similar is $\sim$

Def. of scale factor

The **reduced** ratio of the corresponding sides

Th. 7.1

If 2 polygons are $\sim$, then their perimeters are proportional to the scale factor between them.