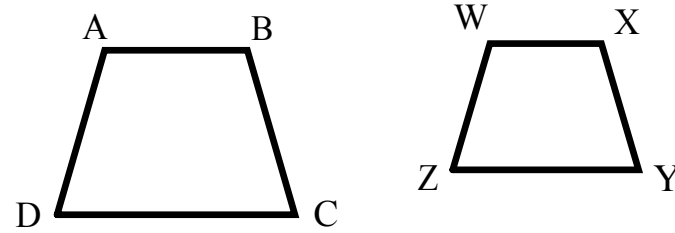


Definition of Similar Polygons

Two polygons are similar if and only if :

- 1) their corresponding angles are congruent
- 2) their corresponding sides are proportional



Polygon ABCD \sim Polygon WXYZ
if and only if:

$$\angle A \cong \angle W, \angle B \cong \angle X, \angle C \cong \angle Y, \angle D \cong \angle Z$$

and

$$\frac{AB}{WX} = \frac{BC}{XY} = \frac{CD}{ZY} = \frac{DA}{ZW}$$