7.2 Similar Polygons
similar (~): Figurers with the same shape, but not necessarily the same size.


$$
\triangle A B C \sim \triangle D E F
$$

Similar polygons: 2 polygons
are similar of corresponding L's are $\cong$, and corresponding sides are proportional.


Similarity Ratio: ratio of lengths of corresponding sides of 2 polygons.



Both $A B C D 7$ EFGH are reet.

$$
\frac{6}{4}=\left(\frac{3}{2}\right) \frac{9}{6}=\frac{3}{2}
$$

$$
\begin{aligned}
& \text { p. } 465 \\
& 2-20,24
\end{aligned}
$$

