

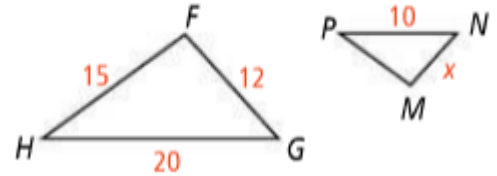
DAY 1 - HW P. 444-445  
 #1, 2, 4, 10-18 even, 19

$\triangle JDRT \sim \triangle WHYX$ . Complete each statement.

1.  $\angle D \cong \underline{\hspace{1cm}}$

2.  $\frac{RT}{YX} = \frac{\square}{WX}$

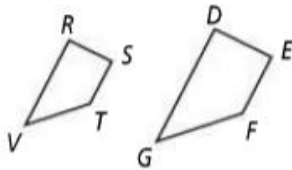
4.  $\triangle FGH \sim \triangle MNP$ . What is the value of  $x$ ?



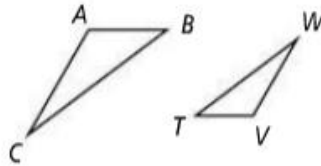
List the pairs of congruent angles and the extended proportion that relates the corresponding sides for the similar polygons.

See Problem 1.

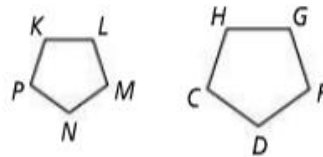
9.  $RSTV \sim DEFG$



10.  $\triangle CAB \sim \triangle WVT$

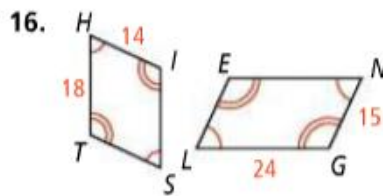
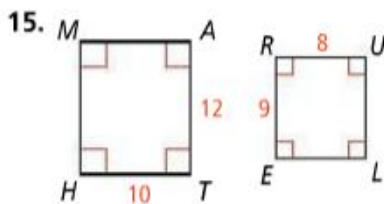
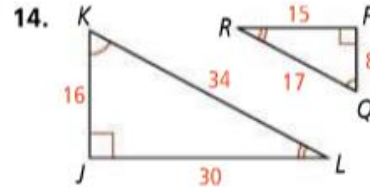
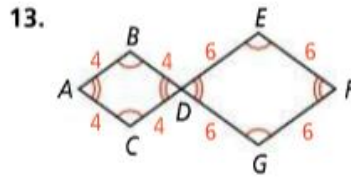
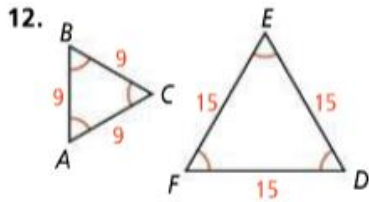


11.  $KLMNP \sim HGFDC$



Determine whether the polygons are similar. If so, write a similarity statement and give the scale factor. If not, explain.

See Problem 2.



**Algebra** The polygons are similar. Find the value of each variable.

