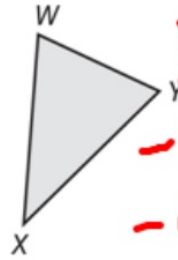
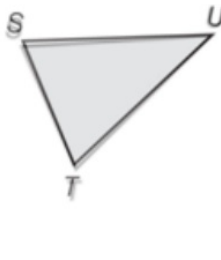


1.

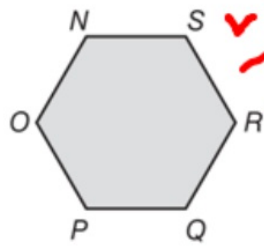
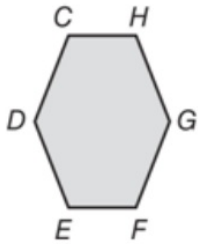


rotations

- clockwise
 - counter-clockwise (Answers vary)

1. _____

2.



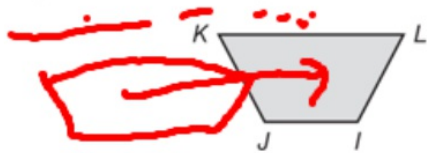
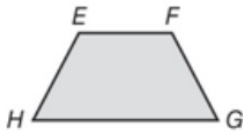
reflection

- horizontal line
 - vertical line

2. _____

Not congruent

3.



- preimage
 vs.
 image

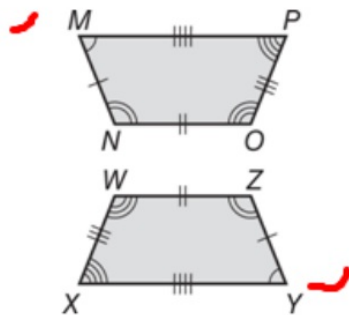
3. _____

(Answers vary)

4. Write congruence statements comparing the



4. Write congruence statements comparing the corresponding parts in the congruent triangles shown below.



4 pairs of angles + sides...
 $\angle M \cong \angle X$, etc...

$\overline{MN} \cong \overline{WX}$ etc...

$\overline{MP} \cong \overline{XY}$

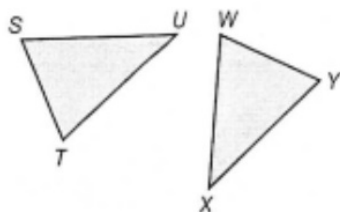
4.

Chapter 7 Practice Quiz

(Answers may vary).

Determine if the two figures are congruent by using transformations. Explain your reasoning.

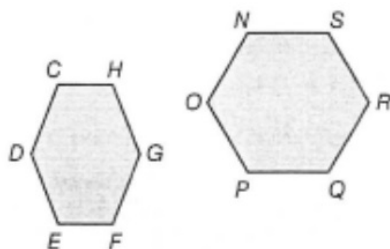
1.



Yes, they are congruent
rotate 90° clockwise,
then translated

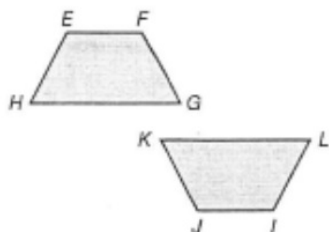
1. _____

2.



2. Not congruent

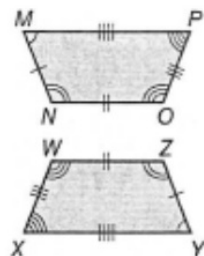
3.



congruent, reflected
across horizontal line,
then translated

3. _____

4. Write congruence statements comparing the corresponding parts in the congruent triangles shown below.



$\angle M \cong \angle W$, $\angle P \cong \angle Z$,
 $\angle N \cong \angle X$, $\angle O \cong \angle Y$
 $\overline{MP} \cong \overline{WX}$, $\overline{PN} \cong \overline{XZ}$,
 $\overline{NO} \cong \overline{ZY}$, $\overline{MO} \cong \overline{WY}$

4. _____