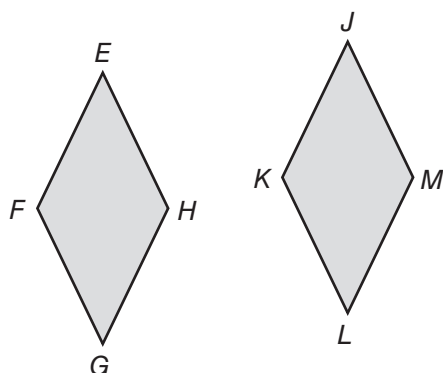


# Lesson 1 Skills Practice

## Congruence and Transformations

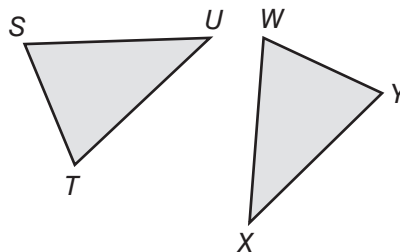
Determine if the two figures are congruent by using transformations.  
Explain your reasoning.

1.



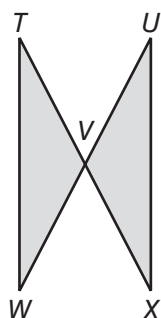
**congruent; A translation maps  $EFGH$  onto  $JKLM$ .**

2.



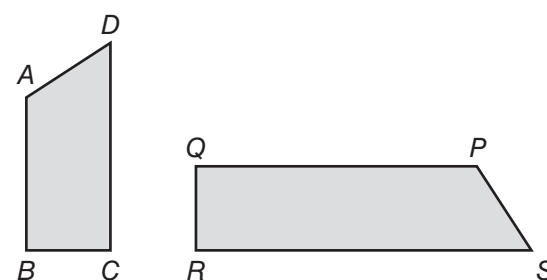
**congruent; A rotation maps  $\triangle STU$  onto  $\triangle YWX$ .**

3.



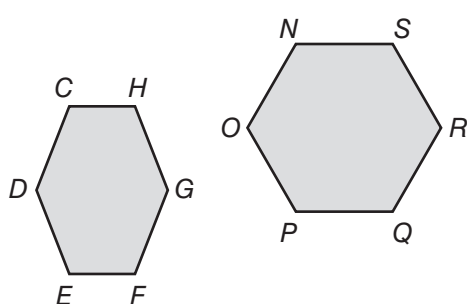
**congruent; A reflection maps  $\triangle TVW$  onto  $\triangle UVX$ .**

4.



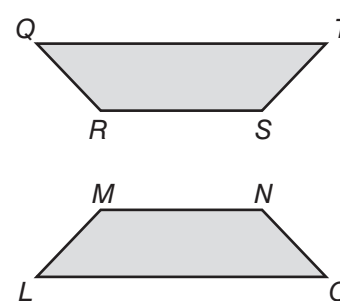
**not congruent; No sequence of transformations maps  $ABCD$  onto  $PQRS$ .**

5.



**not congruent; No sequence of transformations maps  $CDEFGH$  onto  $NOPQRS$ .**

6.



**congruent; A reflection maps  $QRST$  onto  $LMNO$ .**