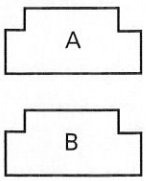
Name _____ Date _____

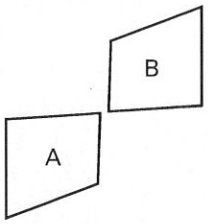
LESSON 4.3

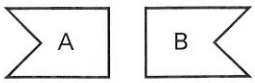
Practice A

For use with the lesson "Relate Transformations and Congruence"

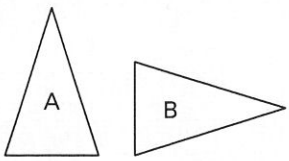
Identify the transformation you can use to move figure A onto figure B as a reflection, translation, or rotation.

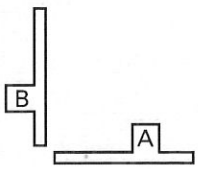
1. 

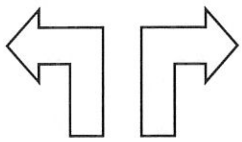
2. 

3. 

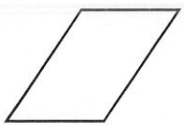
Identify the transformation(s) you can use to move figure A onto figure B.

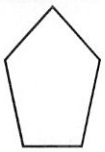
4. 

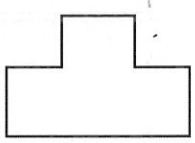
5. 

6. 

Copy the figure. Draw an example of the effect of the given transformation on the figure.

7. 

8. 

9. 

Name _____ Date _____

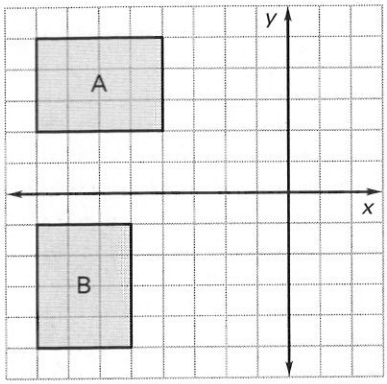
LESSON 4.3

Practice A *continued*

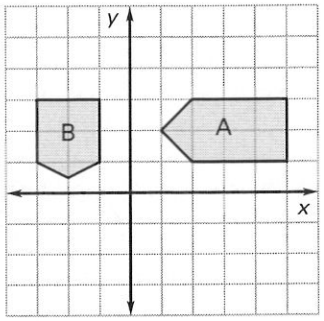
For use with the lesson "Relate Transformations and Congruence"

Tell whether a rigid motion can move figure A onto figure B.

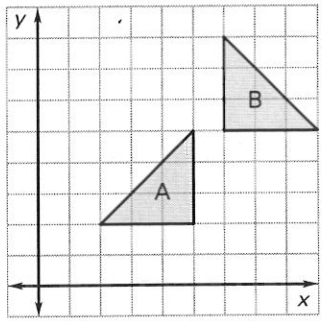
10.



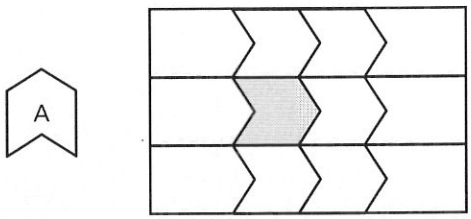
11.



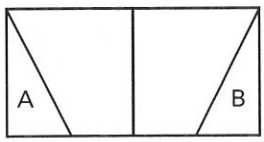
12.



13. Describe a rigid motion that can be used to move figure A onto the shaded region.



14. Area Rug A design for an area rug is shown below. Describe a rigid motion that can be used to move figure A onto figure B.



15. Highway Describe a transformation that can be used to move figure A onto figure B on the highway sign.