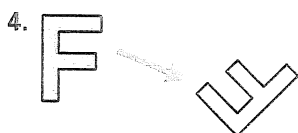
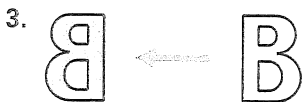
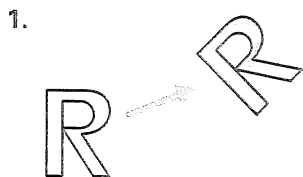


# Chapter Test C

For use after Chapter 7

Classify the transformation as a *reflection*, *rotation*, or *translation*.



1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. See left. \_\_\_\_\_

How many lines of symmetry does each flag have?

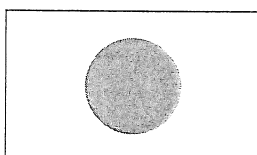
5. Hungary



6. Tanzania

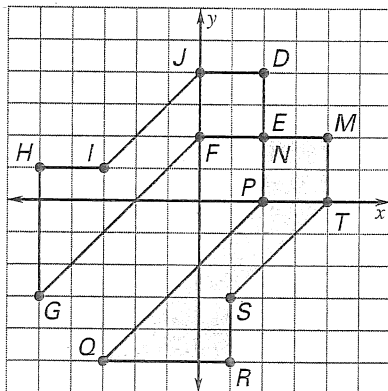


7. Japan



Use the diagram.

8. Identify the transformation that maps figure  $DEFGHIJ$  onto figure  $MNPQRST$ .
9. What is the preimage of  $S$ ?
10. What is the image of  $D$ ?



11. Sketch a polygon that has line symmetry but not rotational symmetry.