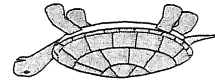
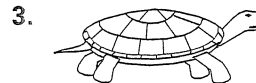
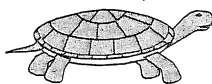
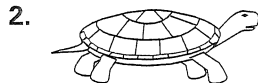
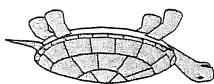
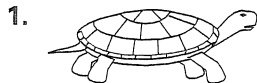


Practice B

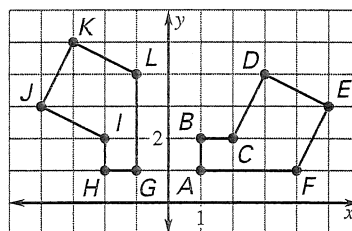
For use with pages 396–402

Name the transformation that maps the unshaded turtle (preimage) onto the shaded turtle (image).



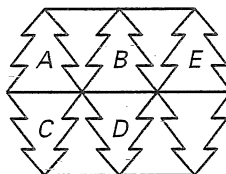
Use the graph of the transformation below. $ABCDEF$ is the preimage.

4. Figure $ABCDEF \rightarrow$ Figure _____.
5. Name and describe the transformation.
6. Name the image of \overline{CD} .
7. Name the preimage of \overline{HI} .
8. Name the coordinates of the preimage of point J .
9. Show that \overline{EF} and \overline{KL} have the same length, using the Distance Formula.



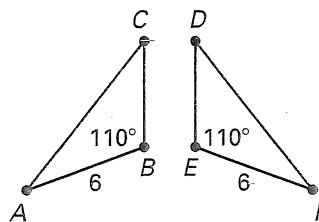
In Exercises 10–13, name the transformation that will map Tree A onto the indicated tree.

- | | |
|------------|------------|
| 10. Tree B | 11. Tree C |
| 12. Tree D | 13. Tree E |



In Exercises 14–15, complete the statement regarding the transformation shown.

14. $\triangle ABC \rightarrow \triangle \underline{\quad} ? \underline{\quad}$
15. $\triangle \underline{\quad} ? \underline{\quad} \rightarrow \triangle EDF$



Find the value of each variable, given that the transformation is an isometry.

