

## Reflect It

Objective: Draw a symmetric figure using reflection.

Materials: Reflect It Activity Sheet  
One ruler per participant

### Procedures:

1. Pass out activity sheets and rulers to each participant.
2. Instruct the participants to count the units on the grid to aid them in constructing a reflection of the figure on the opposite side of the vertical line on the activity sheet.
3. Discuss the figures upon completion, pointing out that the figure they have constructed is a symmetric one, since if it was folded along the vertical line it would fit perfectly. Actually folding the paper can be used as a check by students to see if they reflected the figure properly. Students should also be told that the vertical line is the line of symmetry, or the axis of symmetry.
4. Discuss the fact that this activity sheet may give students an intuitive knowledge of the coordinate plane.

# REFLECT IT

Make this figure symmetric by drawing its reflection.

