

# Find the Area

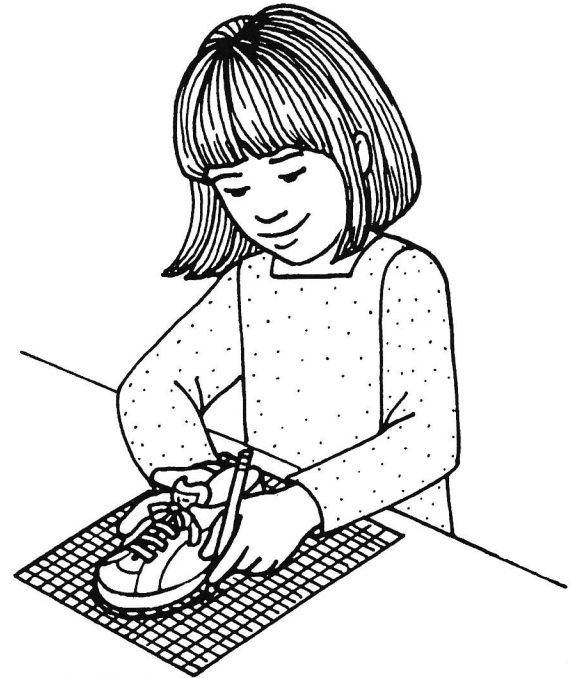
Activity 3

## Materials

- $\frac{1}{2}$ " graph paper
- pencils

## Procedure

1. Have each student trace around his or her shoe on graph paper.
2. Direct students to count the squares inside the shoe shape to find its area. If more than half a square is inside, the square should be counted. If less than half a square is inside, it should not be counted.
3. Then ask students to trace around their hand, keeping fingers together.
4. Have students find the area of their handprint and compare it to the area of their foot.



**Extension** For homework, ask students to find the area of each family member's footprint.

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Measurement

# Same Area, Different Shape

Activity 4

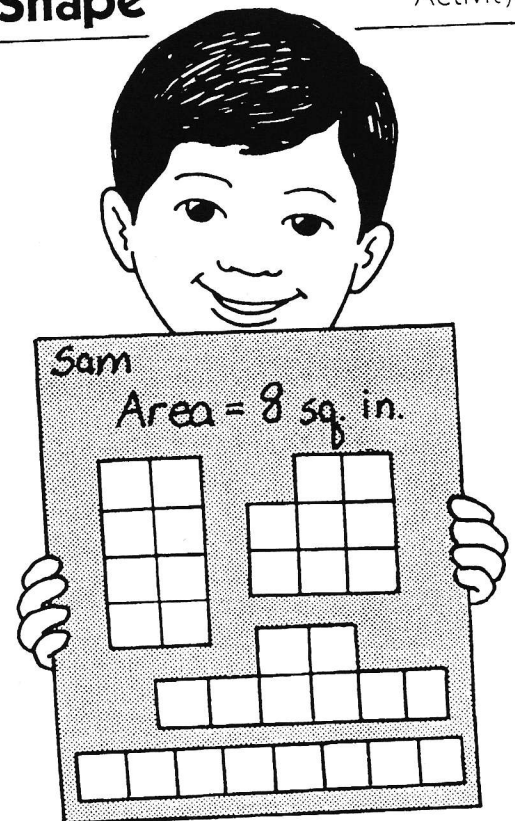
## Materials

- 1-cm or 1" graph paper
- construction paper
- pencils
- scissors
- glue

## Procedure

1. Have students cut various shapes, all with the same area, from graph paper.
2. Have them glue the shapes on a piece of construction paper labeled with the area (e.g., 8 square inches).
3. Invite students to pick a new number and start again.

**Variation** Have students create shapes with linking cubes or Color Tiles before cutting shapes from graph paper.



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Measurement