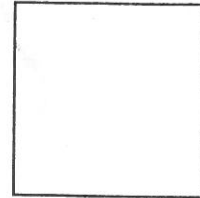


Geometric Shapes

Each student needs seven markers (pennies, bread clips, bottle caps, etc.) Have the students spread out and drop a marker on the ground at their feet. Do not inform the students of the types of figures they are constructing. Read out the following instructions one at a time:

1. Square

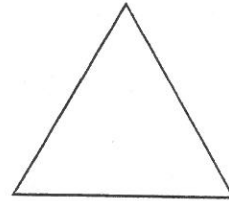
- Place first marker at feet.
- Walk 10 steps at 90° and place the second marker.
- Walk 10 steps at 180° and place the third marker.
- Walk 10 steps at 270° and place the fourth marker.
- Walk 10 steps at 360° and place the fifth marker.



Now step back to look at the area enclosed by the markers. Measure the distance between the first and fifth markers. Review the directions. What type of figure should have resulted? Markers 1 and 5 should be at the same point.

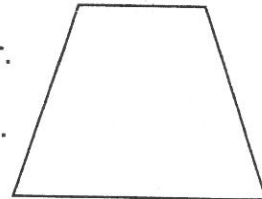
2. Equilateral triangle

- Place first marker at feet.
- Walk 10 steps at 30° and place second marker.
- Walk 10 steps at 150° and place third marker.
- Walk 10 steps at 270° and place fourth marker.



3. Trapezoid

- Place first marker at feet.
- Walk 10 steps at 30° and place second marker.
- Walk 10 steps at 75° and place third marker.
- Walk 17 steps at 210° and place fourth marker.
- Walk 7 steps at 300° and place fifth marker.



4. Hexagon

- Place first marker at feet.
- Walk 10 steps at 90° and place second marker.
- Walk 10 steps at 150° and place third marker.
- Walk 10 steps at 210° and place fourth marker.
- Walk 10 steps at 270° and place fifth marker.
- Walk 10 steps at 330° and place sixth marker.
- Walk 10 steps at 30° and place seventh marker.

