

## **Word Roots in Geometry, Activity 1**

Display geometric shapes in various areas around the classroom. Put students in groups of 3 or 4. Give each group a packet of notecards from Table 1. Students are allowed to tape the notecards to representations around the room. Dictionaries and geometry books are available.

When the students are seated ask them how they figured out where to put the notecards. Encourage them to share their ideas. Then direct their attention to the board for Activity 2.

Acute

Midpoint

Adjacent

Nonagon

Altitude

Nonahedron

Angle

Oblique

Annulus

Obtuse

Arc

Octagon

Chord

Octahedron

Circle

Parallel

Circumference

Parallelogram

Compass

Pentagon

Complementary

Pentahedron

Concentric

Perpendicular

Cone	Plane
Congruent	Point
Convex	Polygon
Cylinder	Prism
Decagon	Protractor
Decahedron	Pyramid

Diagonal

Quadrilateral

Diameter

Radius

Dodecagon

Rectangle

Dodecahedron

Rhombus

Exterior

Scalene

Geodesic

Secant

Hemisphere

Segment

Heptagon

Semicircle

Heptahedron

Sphere

Hexagon

Tessellation

Hexahedron

Trapezoid

Interior

Triangle

Intersection

Undecagon

Isosceles

Undecahedron

Acute  
Adjacent  
Altitude  
Angle  
Annulus  
Arc  
Chord  
Circle  
Circumference  
Compass  
Complementary  
Concentric  
Cone  
Congruent  
Convex  
Cylinder  
Decagon  
Decahedron  
Diagonal  
Diameter  
Dodecagon  
Dodecahedron  
Exterior  
Geodesic  
Hemisphere  
Heptagon  
Heptahedron  
Hexagon  
Hexahedron  
Interior  
Intersection  
Isosceles

Midpoint  
Nonagon  
Nonahedron  
Oblique  
Obtuse  
Octagon  
Octahedron  
Parallel  
Parallelogram  
Pentagon  
Pentahedron  
Perpendicular  
Plane  
Point  
Polygon  
Prism  
Protractor  
Pyramid  
Quadrilateral  
Radius  
Rectangle  
Rhombus  
Scalene  
Secant  
Segment  
Semicircle  
Sphere  
Tessellation  
Trapezoid  
Triangle  
Undecagon  
Undecahedron