

# Chapter 9: SPATIAL THINKING

Use this study guide to fill in definitions and examples of each word, to help you understand and memorize all of them. It's essential to know these really well in order to understand and answer questions in geometry.

## Section 9-1 Introduction to Geometry: Points, Lines, and Planes

Point	
Line	
Plane	
Line segment or segment	
Ray	
Intersect	
Parallel	
Skew	

## Section 9-2 Angle Relationships and Parallel Lines

Adjacent angles	
Vertical angles	
Congruent angles	
Supplementary	
Complementary	

Transversal	
Corresponding angles	
Alternate interior angles	

### Section 9-3 Classifying Polygons

Polygon	
Right triangle	
Obtuse triangle	
Equilateral triangle	
Isosceles triangle	
Scalene triangle	
Quadrilateral	
Trapezoid	
Rhombus	
Square	
Rectangle	
Parallelogram	
Regular polygon	