

Math: Geometry: Identify Lines & Angles and Graph Points

Students:	DesCartes Statements:
Students:	RIT Above 250: <ul style="list-style-type: none">• Determines which lines are perpendicular (analysis)• Classifies isosceles triangles• Classifies scalene triangles
Students:	RIT 241-250: <ul style="list-style-type: none">• Classifies right triangles by defining properties
Students:	RIT 231-240: <ul style="list-style-type: none">• Determines which lines are perpendicular (analysis)• Classifies isosceles triangles; classifies scalene triangles
Students:	RIT 221-230: <ul style="list-style-type: none">• Identifies rays• Determines which lines are perpendicular (analysis)• Identifies acute angles• Classifies equilateral triangles• Classifies polygons by type of angle• Predicts changes necessary to create symmetry in basic plane shapes• Determines coordinates of geometric figures in the first quadrant• Determines the distance between points, following grid lines, in the first quadrant on a coordinate graph (as in city blocks)
Students:	RIT 211-220: <ul style="list-style-type: none">• Identifies rays• Identifies perpendicular lines• Identifies acute angles• Identifies obtuse angles• Classifies polygons by type of angle• Classifies polygons by number of sides• Classifies plane figures by the number of lines of symmetry• Determines the distance between horizontal and vertical lines in the first quadrant of a rectangular coordinate system• Locates the origin on a coordinate grid
Students:	RIT 201-210: <ul style="list-style-type: none">• Identifies parallel lines• Identifies angles• Identifies right angles• Classifies polygons by sides and angles• Classifies plane figures by the number of lines of symmetry• Graphs ordered pairs in the first quadrant• Determines, names locations in first quadrant on labeled grid or coordinate system (e.g., map or graph)• Determines the distance between horizontal and vertical lines in the first quadrant of a rectangular coordinate system• Locates the origin on a coordinate grid
Students:	RIT 191-200: <ul style="list-style-type: none">• Identifies lines; identifies parallel lines• Identifies angles• Identifies plane figures with line symmetry• Identifies the number of lines of symmetry in plane figures• Determines, names locations in first quadrant on labeled grid or coordinate system (e.g., map or graph)
Students:	RIT 181-190: <ul style="list-style-type: none">• Identifies points on a line• Identifies plane figures with line symmetry• Determines, names locations in first quadrant on labeled grid or coordinate system (e.g., map or graph)