

Math ISAT: Concepts and Principles of Geometry

Skills: Points, Lines, Planes, and Angles

Students:	RIT Above 270: <ul style="list-style-type: none">• Identifies vertical angles
Students:	RIT 261-270: <ul style="list-style-type: none">• Uses properties of angles to solve mathematical problems
Students:	RIT 251-260: <ul style="list-style-type: none">• Defines the properties or relationships between planes, including parallel, perpendicular, and intersecting planes and their angles of incidence• Uses reasoning to verify properties of parallel and perpendicular lines• Identifies corresponding and alternate exterior/interior angles• Identifies properties of congruent angles• Uses properties of angles to solve mathematical problems
Students:	RIT 241-250: <ul style="list-style-type: none">• Defines angles using properties (e.g., acute, obtuse, right, straight, reflex)• Identifies and determines missing angle measures for complementary angles• Identifies corresponding and alternate exterior/interior angles• Determines a missing angle measure in corresponding, vertical, and alternate exterior/interior angles• Identifies properties of congruent angles
Students:	RIT 231-240: <ul style="list-style-type: none">• Determines which lines are perpendicular (analysis)• Determines a missing angle measure in corresponding, vertical, and alternate exterior/interior angles
Students:	RIT 221-230: <ul style="list-style-type: none">• Determines which lines are perpendicular (analysis)• Identifies rays• Identifies properties of parallel and perpendicular lines• Identifies acute angles• Identifies right angles within adjacent angles• Identifies and determines missing angle measures for supplementary angles
Students:	RIT 211-220: <ul style="list-style-type: none">• Describes relationships among points, lines, and planes, and identifies models in the environment• Identifies perpendicular lines• Identifies rays• Identifies properties of angles• Identifies acute angles• Identifies obtuse angles• Identifies right angles within adjacent angles
Students:	RIT 201-210: <ul style="list-style-type: none">• Identifies parallel lines• Identifies intersecting lines• Identifies the intersection point of two lines• Identifies angles• Identifies right angles
Students:	RIT 191-200: <ul style="list-style-type: none">• Identifies parallel lines• Identifies lines• Identifies angles
Students:	RIT 181-190: <ul style="list-style-type: none">• Identifies points on a line
Students:	RIT 171-180: <ul style="list-style-type: none">• <i>No Skills Listed</i>
Students:	RIT 161-170: <ul style="list-style-type: none">• <i>No Skills Listed</i>
Students:	RIT Below 161: <ul style="list-style-type: none">• <i>No Skills Listed</i>