

Math 6+: Geometry

Lines, Angles, Polygons, and Coordinate Geometry

Conic Sections

Students	Learning Continuum Statements:
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Students:	RIT 231-240:
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- Writes the equation of a circle given the center and radius

Students:	RIT 241-250:
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- Identifies the conic section from the equation
- Writes the equation of a circle given the center and radius

Students:	RIT 251-260:
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- Identifies the conic section from the equation
- Writes the equation of a circle given a graph
- Writes the equation of a circle given the center and radius

Students:	RIT 261-270:
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- Graphs a circle given the equation
- Graphs a parabola with an axis of symmetry parallel to the x-axis
- Identifies the conic section from the equation
- Writes the equation of a circle given a graph
- Writes the equation of a circle given the center and radius
- Writes the equation of an ellipse given the center and vertices

Students:	RIT 271-280:
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- Determines the center and radius given the standard form of the equation
- Determines the center and radius of a circle given the general form of the equation
- Graphs a circle given the equation
- Identifies the conic section from the equation
- Writes the equation of a circle given a graph
- Writes the equation of a circle given the center and a point on the circle
- Writes the equation of a circle given the center and radius

Students:	RIT 281-290:
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- Determines the center and radius of a circle given the general form of the equation

