

Math 6+: Geometry

Pythagorean Theorem, Trigonometry, and Special Right Triangles

Pythagorean Theorem

Students	Learning Continuum Statements:
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Students:	
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RIT 231-240:

- Uses the Pythagorean Theorem to calculate the length of a missing side of a right triangle

Students:	
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RIT 241-250:

- Uses the Pythagorean Theorem to calculate the length of a missing side of a right triangle
- Uses the Pythagorean Theorem to solve real-world or mathematical problems

Students:	
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RIT 251-260:

- Applies the converse of the Pythagorean Theorem to identify right triangles
- Uses the Pythagorean Theorem to calculate the length of a missing side of a right triangle
- Uses the Pythagorean Theorem to solve real-world or mathematical problems

Students:	
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RIT 261-270:

- Applies the converse of the Pythagorean Theorem to identify right triangles
- Classifies triangles using the Pythagorean Inequality Theorem
- Uses the Pythagorean Theorem to calculate the length of a missing side of a right triangle
- Uses the Pythagorean Theorem to solve real-world or mathematical problems

Students:	
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RIT 271-280:

- Classifies triangles using the Pythagorean Inequality Theorem
- Uses the Pythagorean Theorem to solve real-world or mathematical problems