

I can solve acute triangles to solve problems.

# MPM2D Trigonometry

Skills Summary

Similar and Congruent Triangles

I can explain what “similar” and “congruent” mean.

I can solve problems involving similar triangles.

## Right Triangles

I can use the Pythagorean Theorem to find a side length in a triangle.

I know the primary trigonometric ratios and can write each for a given reference angle.

I can use the Cosine Law to find a missing angle in an acute triangle.

I know the circumstances in which to use each skill.

I know the Cosine Law for acute triangles.

I can use the Cosine Law to find a missing side in an acute triangle.

I can use the primary trigonometric ratios to find a side length in a right triangle.

I can use the primary trigonometric ratios to find an angle in a right triangle.

I can solve problems using the primary trigonometric ratios and the Pythagorean Theorem.

## Acute Triangles

I know the Sine Law for acute triangles.

I can use the Sine Law to find a missing side in an acute triangle.

I can use the Sine Law to find a missing angle in an acute triangle.